

Loma Linda University

TheScholarsRepository@LLU: Digital Archive of Research, Scholarship & Creative Works

Scope

Loma Linda University Publications

2-5-1969

Scope - Volume 06, Number 02

Loma Linda University

Follow this and additional works at: <http://scholarsrepository.llu.edu/scope>

Recommended Citation

Loma Linda University, "Scope - Volume 06, Number 02" (1969). *Scope*.
<http://scholarsrepository.llu.edu/scope/161>

This Newsletter is brought to you for free and open access by the Loma Linda University Publications at TheScholarsRepository@LLU: Digital Archive of Research, Scholarship & Creative Works. It has been accepted for inclusion in Scope by an authorized administrator of TheScholarsRepository@LLU: Digital Archive of Research, Scholarship & Creative Works. For more information, please contact scholarsrepository@llu.edu.



University SCOPE

Vol. 6, No. 2 Wednesday, February 5, 1969

Alumni-Student Convention scheduled for March 6 and 7

Loma Linda University's ninth annual School of Dentistry Alumni-Student Convention has been scheduled for March 6 and 7, announces Charles T. Smith, DDS, dean of the School of Dentistry.

Attendance of more than 1,200 dentists, dental hygienists, and students of the two professions is expected at the convention on the Loma Linda campus.

Keynote speech will be given Thursday morning, March 6, by Carlton H. Williams, DDS, speaker, House of Delegates of the American Dental Association. Dr. Williams, in private general practice, has served as president of the Southern California Dental Association, the San Diego County Dental Society, and California's Service Corporation, California Dental Service.

Dr. Williams is a member of the board of directors of the American Institute of Oral Biology, a member of the American Academy of Periodontology, and a member of the American Academy of Restorative Dentistry. He has been honored by election to fellowship in the American College of Dentists and the International College of Dentists.

During his tenure as a member of the House of Delegates of the American Dental Association since 1954, he served as chairman of the Committee on Rules and Order in 1964 and was elected to the office of Speaker of the House in 1966, 1967, and 1968.

Highlighting the convention will be the student table clinic competition, to be judged by a

panel of seven leading dental authorities. The scientific exhibits, originated and prepared by dental and dental hygiene students, display advances in basic science and research and

Continued on page 8

2000 physicians expected to attend annual conclave

The 37th annual Alumni Postgraduate Convention sponsored by the Alumni Association and the faculty of Loma Linda University School of Medicine will be held in the Ambassador Hotel, Los Angeles, and on the Loma Linda campus of the University

An estimated 2,000 physicians from across the nation are expected to attend activi-

ties of the February 14-20 convention which will include refresher courses in various medical specialty areas taught on the Loma Linda campus by School of Medicine faculty members, and a scientific program featuring current research reports by authorities from leading United States schools of medicine.

Refresher courses

Alumni as well as interested physicians are invited to register for the refresher courses beginning Sunday, February 16, at 8 a.m. at the School of Medicine Alumni Association office in the University Arts Building, 24887 Taylor Street, Loma Linda.

A certificate of the American Academy of General Practice credit for the number of hours attended will be provided members of the Academy at their request.

The scientific assembly at the Ambassador Hotel will combine research reports by national medical authorities with discussions, clinical films, and closed-circuit color television demonstrations of medical and surgical problems and techniques.

Included among the speakers are Thomas T. Noguchi, MD, Los Angeles county chief medical examiner-coroner and clinical professor of pathology at

Continued on page 7



—Photo by Eugene Hood

LOMA LINDA UNIVERSITY TRUSTEES pose for a formal picture in front of Nichol Hall. Pictured left to right (first row) are David J. Bieber, Walter R. Beach, W. John Blacker, Reinhold R. Bietz, Robert H. Pierson, Lowell R. Rasmussen, Ralph F. Waddell, David B. Hinshaw, and Howard B. Weeks, (second row) Neal C. Wilson, Ivor C. Woodward, Cree Sandefur, Francis W. Wernick, Max C. Torkelson, Harry Schrillo, W. Paul Bradley, Mary C. Monteith, and Alvin G. Munson, (third row) J. William Bothe, Francis R. Millard, Jere D. Smith, E. E. Cossentine, Helmuth C. Retzer, George B. Nelson, and Elton L. Morel, (fourth row) John W. Stevens, Mervyn G. Hardinge, Harley E. Rice, Jesse L. Dittberner, and Frank N. Spangler.

Joint research study

Survey reveals SDA's are more healthy

Why do Seventh-day Adventists seem to live longer than their non-Seventh-day Adventist counterparts?

A research project jointly sponsored by the School of Medicine and the School of Public Health may reveal the answer to this question, according to Richard T. Walden, MD, assistant dean of the School of Public Health and director of the project.

The current research project examining the causes of deaths among California Seventh-day Adventists had its beginnings in 1957 when Frank R. Lemon, MD, then associate professor of preventive medicine and public health, and director of the project, began a study of lung cancer in the non-smoking population.

Study enlarged

Later the study was enlarged to include all causes of deaths among California Adventists above the age of 40.

Through the cooperation of the Pacific Union Conference of Seventh-day Adventists, local Adventist churches, county governments of the state of California, and the United States Public Health Service, Dr. Walden, who joined the project in 1959, and Dr. Lemon were able to obtain 98.8 percent of all death certificates of Adventists

who died during the years 1955 through 1959.

Seventh-day Adventists, by the definition set up by Drs. Lemon and Walden, included any person who was listed on the church roster.

"Even though a Seventh-day Adventist had been out of the church for a number of years, but was listed as a member, we still counted him," Dr. Walden says. "This probably hurt our statistics in the sense that it diluted them, but we had to have a working definition of what constituted a Seventh-day Adventist."

In 1958 the study was again enlarged. Questionnaires requesting data concerning their occupation, age, sex, race, geographical location, and other pertinent information were sent to selected California Adventists. These formed the basis for a long-term prospective study.

"We are now following this population," Dr. Walden says. "Of those who died since we began this study, we have the death certificates on hand and know the cause of death."

The population participating in the study is divided into analogous groups by age, race, geographical location, and occupation.

"You can't compare a Seventh-day Adventist lady who is 22 years old with a non-Adven-

tist gentleman who is 75 years of age," according to Dr. Walden. "You must compare them sex by sex, age by age, race by race, and occupation by occupation."

"Occupation has a lot to do with cause of death. Whoever heard of a secretary taking physical risks while sitting at a desk? Comparing her with a

Valentine's banquet set for February 13

A semiformal Valentine's banquet for Loma Linda campus students and faculty is scheduled for Thursday, February 13, at the top of the Palm Springs Aerial Tramway, Palm Springs.

Cost of the banquet is \$4 per



Mr. Pearson

person which includes the fare up the tramway, meal, and entertainment. The meal will be served at 7 p.m. Guests may arrive at the tramway earlier for sightseeing if they wish.

Master of ceremonies for the evening's events will be former California Angels baseball star

Continued on page 5

structural steel worker working 30 floors up wouldn't be fair."

(Currently P. William Dying, MD, associate professor of tropical health, and Jan W. Kuzma, PhD, assistant professor of biostatistics, are working on an accident research study. Preliminary studies show that Adventists have only 35 percent as many accidents as non-Adventists.)

The School of Public Health has data taken from the questionnaires turned in by 57,000 Seventh-day Adventists living in the state of California; this is recorded on data processing cards.

The Loma Linda University researchers felt that subtracting the 57,000 Seventh-day Adventists from the California population, at that time 16 million, wouldn't upset their findings or cause any significant change in statistics on the death rate of Californians in general.

"If Seventh-day Adventists die from the same diseases as non-Adventists, then they should die at the same rate," Dr. Walden says. "Our statistics show that Adventists' 'observed' deaths from all causes are only 50 percent of those of the general California population; that is, the 'observed' rate of dying is only 50 percent of

the 'expected' rate. Adventists have a five to six year greater life expectancy than their non-Adventist counterparts."

Statistics from the study indicate that compared, death for death, with the general population of California, 70 percent fewer die from all types of cancer; 68 percent fewer of respiratory diseases; 88 percent fewer from tuberculosis; and 85 percent fewer from pulmonary emphysema.

Lung cancer

Only nine cases of cancer of the lung were found among Adventists. Further investigation revealed that in each of these cases, the victim had at one time been a smoker.

"Since Seventh-day Adventists have a significantly lower incidence of cancer of all forms than non-Adventists," Dr. Walden says, "and practically no lung cancer, there must be some heretofore unsuspected factor involved in the causes of cancer."

Dr. Walden and Raymond O. West, MD, associate professor of preventive medicine and public health, are about to launch a new project comparing Adventist vegetarians with those who are non-vegetarian.

Continued on page 11

Your health

The School of Public Health research project about to begin comparing the frequency of diseases among vegetarian Seventh-day Adventists and meat eating Seventh-day Adventists poses many interesting questions and possibilities.

Research already conducted by the School of Public Health shows that Seventh-day Adventists have far less disease than the non-Adventist population and die at a rate of only 50 percent of the "expected rate" which is the observed rate in the general California population.

This would seem to indicate that Seventh-day Adventists are doing something right.

Of course, we can attribute our lack of lung cancer to our beliefs about smoking; our low frequency of automobile accidents to our beliefs about drinking.

But what about the findings that show that Adventists have 46 percent less strokes, 68 percent less respiratory diseases, and 60 percent less heart disease than the general population?

What's the reason? Could it be possible that the writings and counsels of a lady one hundred years ago have influenced a church body in such a way as to cause this dramatic difference? Could her counsels on diet and health have a direct relationship to the relatively good health statistics of Seventh-day Adventists compared with those of non-Adventists?

What about the Seventh-day Adventists who do die of strokes, respiratory diseases, or heart disease? Will there be a significant statistical difference between the death rate of vegetarian and non-vegetarian Seventh-day Adventists?

The School of Public Health researchers hope to have answers to these questions at the completion of their study.

Adventist 'Peace Corps'

The action taken by the General Conference of Seventh-day Adventists at the annual autumn council to institute an Adventist Volunteer Service Corps may have far reaching effects on the "now" generation of Seventh-day Adventists.

Briefly, the resolution states that carefully selected nonstudents, 18 years of age or over, may be eligible to serve as overseas volunteers under the auspices of the AVSC; that the volunteer will be responsible for most of his own expenses including round trip transportation; that the period of service shall be from one to two years; and that the division which accepts the volunteer shall be financially responsible for insurance and living expenses during the volunteer's service.

Many Seventh-day Adventist youth are actively engaged in programs on the home front; now their ingenuity and resourcefulness can be used to profit the world mission program of the church.

With personal income earning ability at an all time high, hundreds of young Seventh-day Adventist men and women can well afford to spend the relatively insignificant amount of money required in exchange for the untold wealth gained by living abroad for a year or two.

Too many Americans today feel that any country which isn't on the same social, cultural, and economic level as the United States is underdeveloped and backward. This is not true.

Dozens of countries in Asia, Africa, Latin America, and other parts of the world have a social and cultural level as advanced, and in some cases, even more advanced than the American level.

The Adventist Volunteer Service Corps will operate on the theory that "mission" work abroad should have as its primary objective instilling of the Christian ideology rather than the American.

Persons interested in applying to the AVSC should write to the Adventist Volunteer Service Corps, 6840 Eastern Avenue, NW., Washington, D.C. 20012.

Scientist to speak at Graduate School banquet on March 2

The annual Graduate School banquet will feature a talk, "Life on Other Worlds," by Albert R. Hibbs, PhD, senior staff scientist with the advanced studies group, the Jet Propulsion Laboratory, Pasadena, on Sunday, March 2 at 6:45 p.m. in the Commons, La Sierra campus.

Dr. Hibbs is currently assigned to studies on arms control problems and feasibility studies for future programs of exploring the moon and planets at the Jet Propulsion Laboratory. He is also host of the radio program "About Science," produced in association with the California Institute of Technology, Pasadena, and is host of the educational television program "R & D Review," produced at Los Angeles radio station KCET.

Dr. Hibbs received a bachelor of science degree from the California Institute of Technology, majoring in physics, a master of science degree from the University of Chicago with a major in mathematics, and the doctor in philosophy degree with a major in physics from the California Institute of Technology.

Native Californian artist contest opens

The trustees of the James D. Phelan Awards in Literature and Art recently opened the 34th annual competition offering prizes to native Californian artists from 20 to 40 years of age.

Awards totaling \$2,850 will be offered in the field of original prints and drawings.

Entry forms and further information may be obtained by mail from Phelan Awards, 57 Post Street, Room 602, San Francisco, California 94104.

Closing date of the competition is March 14.

Monteith lecture set for May during SN alumni homecoming

Helen Nahm, PhD, dean of the School of Nursing at University of California at San Francisco, will present the third annual Mary Monteith Lecture May 11.

The lectureship, sponsored by the School of Nursing Alumni Association, serves as a means of continuing education for the association members, students of nursing, and professional nurses in the Inland Empire.

"The homecoming will be different this year," according to Joyce W. Hopp, alumni association president. "The annual event will no longer be held during graduation weekend, but a few weeks earlier, May 9-11."

"This means that senior students of nursing and their guests will find it easier to associate with visiting alumni for the entire weekend," Mrs. Hopp says.

In addition to the homecoming banquet and the Mary Monteith Lecture, a cancer institute for nurses is scheduled.

School of Medicine auxiliary will sponsor benefit program

"You Know I Can't Hear You With My Eyes Shut" will be presented by the Woman's Auxiliary to the Loma Linda University School of Medicine Alumni Association as their annual "Do Unto Others" benefit program Saturday, February 15, in Gentry Gymnasium, Loma Linda.

A taco supper catered by the Junior Medical Auxiliary will begin at 6 p.m. At 7 p.m. The Collegians, a select group of musicians from the La Sierra campus concert band, will play pre-program music.

Featured in the program, which begins at 7:30 p.m., will be the Loma Linda Chorale directed by John T. Hamilton, associate professor of music. Other

Book Talk

Jesus — God and Man

by Wofhart Pannenberg

(Westminster Press, Philadelphia, 1968)

Reviewed by Guy M. Hunt, MD

associate professor of neurology

This is not a book which that hypothetical creature known as "the educated layman" should "be sure to read." It is, rather, the major translated work (to date) of a bright young German theologian who is "doing theology" primarily for a professional theological audience. But in spite of its general difficulty (and at certain points tediousness), it is an important book, and one of great potential interest to Adventism.

Pannenberg's work is typical of front rank German theology in the extent and seriousness of its attention to relevant Biblical materials, and also in its continual dialogue not only with contemporary European discussion (both Protestant and Catholic) but also with the whole history of Christian thought.

In this it is quite unlike much recent American theology, which has mostly been struggling with the problem of the meaningfulness of any theological language at all in a thoroughly secular culture, and is not convinced that its heritage (either Biblical or historical) is of much help in getting at this problem.

Current theology

What makes Pannenberg particularly interesting in current theology is the creativity of his work. He is at once more "liberal" and more "conservative" than the so called neo-orthodoxy (stimulated by the late Karl Barth) that has characterized European Protestantism for almost half a century.

Some of Pannenberg's conclusions, for example, are much closer to those of historic, orthodox Protestantism than one would expect from his liberal presuppositions and methods (which have evidently gone unnoticed by some conservative American Protestants who have tended to look on Pannenberg as a new champion in the battle against liberalism).

While the book focuses on the person and mission of Jesus (and is called "Basic Aspects of Christology" in its German edition), it includes clear indications of Pannenberg's understanding of several related elements of Christian theology: the nature of revelation, the meaning of history, eschatology, the Holy Spirit, the Trinity, and atonement. Indeed, a combination of the first three of these—the relationship of revelation, history, and eschatology—forms the central motif of Pannenberg's whole theological enterprise.

For Pannenberg the decisive revelatory event in history is the resurrection of Jesus, which is seen as both (1) the divine authentication of Jesus claim to be God's revelation and the

focal point of man's response to God, and (2) an eschatological event in the special sense that it is a proleptic occurrence of the ultimate destiny of man. That is to say: without the resurrection, Jesus would not be what He is (namely, God for man), nor could man look to the future as God's future (a future in which God brings man to his destiny as man).

Critical comment

A point that has attracted a great deal of critical comment is Pannenberg's insistence that in order to confirm Jesus as God for us and to disclose our own ultimate destiny, the event of His resurrection must be historically verifiable. The reality of this event is not an affirmation of faith but rather the necessary foundation of faith.

Thus Pannenberg asserts as indispensable just that kind of historical certainty that much recent theology has considered to be impossible because of a lack of relevant historical data, and/or illegitimate because it seems to be an attempt to "prove" faith and thereby is destructive of its character as faith.

What can be historically verified, however, is only the factual occurrence of the resurrection as an objective event—not the precise nature of the

Continued on page 3

University SCOPE

THE LOMA LINDA UNIVERSITY NEWSPAPER

University SCOPE is a non-profit news publication of Loma Linda University, an educational institution operated by the General Conference of Seventh-day Adventists, with campuses at Loma Linda and Riverside, California.

Circulation: 20,000
Frequency of publication: 15 issues yearly.
Subscription: \$3 per year.

Editor:
Richard W. Weismeyer
Editorial Assistants:
Marjorie L. Nelson
Peggy M. Hanson
Book Editor:
Alice E. Gregg
Advertising:
John E. Crowder
Circulation:
Edith H. Williams

Unless otherwise noted, University SCOPE articles may be reprinted without permission. Appropriate credit would be appreciated.

Advertising compatible in content with the standards of church-related higher education is accepted subject to approval by the advertising committee. Copy should be received no later than the Wednesday before publication date; rates available on request.

Communications about news and editorial content, advertising, or subscription/circulation matters should be directed to University SCOPE, Loma Linda University, Loma Linda, California 92354. Offices are in Griggs Hall on the Loma Linda campus; telephone (714) 796-7311, 888-3211, or 686-5432, extension 2373.

Abbreviations Used in University Scope:

AS — College of Arts and Sciences
DH — Dental Hygiene
DI — Dietetics Intern
GS — Graduate School
LL — Loma Linda campus
LS — La Sierra campus
MR — Medical Record Administration
MT — Medical Technology
OT — Occupational Therapy
PH — School of Public Health
PT — Physical Therapy
RT — Radiologic Technology
SD — School of Dentistry
SM — School of Medicine
SN — School of Nursing



DOZENS OF KOREAN orphans display boxes of candy and apples purchased with funds donated by the Kalindha Club. The club raised nearly \$500 during its annual week of sacrifice offering.

Kalindha Club raises money to sponsor three orphanages

Nearly \$500 was raised by members of the Lindsay Hall Kalindha Club during their annual week of sacrifice, according to Melba M. Olmstead, dean of women on the Loma Linda campus.

The women's club raised the funds to help sponsor three orphanages — the Seoul Sanitarium and Hospital Orphanage, Seoul, South Korea; the Cross Orphanage, Pusan, Korea; and a small orphanage in Honduras.

Club members stipulated that some of the money be used for the purchase of fruit and des-

sert for the orphans — some things they seldom have, Mrs. Olmstead says.

The orphanage in Seoul used most of the money to purchase needed playground equipment; the Cross Orphanage purchased 60 books to start a library; and the orphanage in Honduras has not been heard from as yet.

man at the consummation of history. It is the function of Jesus and the Gospel—which is to say, the function of divine forgiveness—to open this future, to make it possible for him to become what he not yet is and so to fulfill his destiny.

If the thoroughly eschatological character of Pannenberg's theology does not make it quite "specifically Adventist" (with a capital "A"), it surely qualifies as "generally adventist" (with a small "a"). For here man, the Christian faith, and Jesus Himself are all interpreted as pointed to and finding their essential meaning in the future.

And Pannenberg's God is the God who comes. In Jesus of Nazareth He has already come, to be sure, and to this extent the future which is His has become present, as it were "in advance." But this future of God's is not yet actualized; and so God is still the coming God who brings the final future for which man waits in hope, anticipation, and trust.

Intramural ski meet at Snow Valley will be held February 16

A University intramural ski meet is tentatively scheduled for February 16 at Snow Summit or Snow Valley in the San Bernardino mountains.

The date of the meet will depend upon snow conditions. Events to be held are the men's and women's slalom and giant slalom. There will be no downhill this year.

Those interested in entering one of the events must leave their names at the physical education office on either campus.

Homecoming day slated for former La Sierra students

The annual alumni homecoming for graduates and former students of the former La Sierra College is scheduled for April 26 on the La Sierra campus of the University at Riverside.

The day's events will begin with Sabbath School scheduled for 9:30 a.m. followed by the church service at 11 o'clock in the La Sierra Church. Sundown vespers and a free alumni buffet dinner will be held at 6 p.m.

Book talk

Continued from page 2

event or the kind of existence that it initiates. "Jesus' resurrection and the Christian hope of resurrection involve a life completely different from all life with which we are familiar, an imperishable life no longer limited by death, which at any rate, therefore, must be basically different from the organic form of life with which we are familiar." This means that all human language about resurrection cannot help being metaphorical.

"Only the eschaton will ultimately disclose what really happened in Jesus' resurrection from the dead." Pannenberg believes, however, that the resurrection must involve "the whole man," and that the resurrection of Jesus would not have been originally believable apart from the empty tomb.

However refreshing one may find Pannenberg's interest in the historicity of the resurrection of Jesus, an equally important contribution is his explicit orientation of this event toward the future—that is, to the end of history.

Primary meaning

The primary meaning of Jesus' resurrection, he suggests, lies in the fact that in it man's future is not merely envisioned and announced (for this was already done by the Hebrew prophets and apocalyptic writings), but has in fact appeared.

Thus Jesus' resurrection as an historical event is in the past; but its revelational function is to be the bearer of the future, to point man toward the future that God has for him.

This future-directedness is, according to Pannenberg, characteristic not only of peculiarly Christian existence; it belongs to the essence of humanness. "Man is truly man only in openness to God, to the future, in the risk of trust, in the responsibility for the world of true sonship, and in loving dedication to the neighbor."

Man, to the extent that he is truly man, is not to be limited by his past. In what Jesus was and in what happened to him in the resurrection, God has disclosed what man is to become, as well as what is to come to

Welcome

LLU Physicians

good
photographs
just don't happen—
they are created—

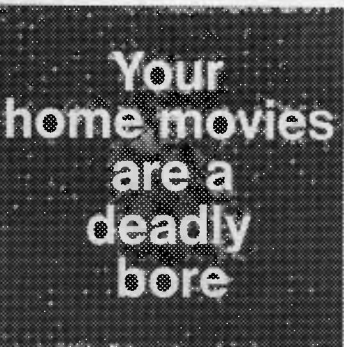


created with the new
SPOTMETER
Canon FT-QL



created with these features

- Single-lens reflex—full-focusing screen viewfinder with split-image rangefinder.
- Quick-loading mechanism—fast-loading eliminates the need of threading film.
- Built-in highly sensitive through-the-lens CdS spot meter—gives you accurate and precise readings.
- Fully automatic preset-diaphragm—assures brightest image before and after exposure.



Your home movies are a deadly bore

You can make them interesting. Make them with a Bauer Super 8. Features like 8-to-1 power zoom, ultra-slow motion, and fully automatic operation help you make home movies that don't look home made. Let us show you the Bauer line: seven cameras and three projectors from under \$50 to about \$400.



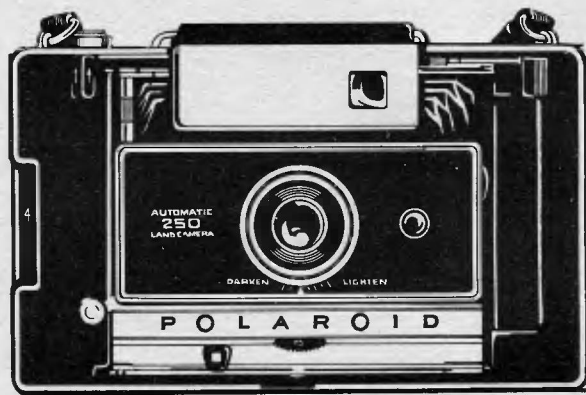
for home movies that don't look home made

Bauer®

Ask about our unbelievably low prices on cameras and projectors

University Supply

11147 Anderson Street
Loma Linda, California



POLAROID
CONVENTION SPECIALS

Polaroid Automatic 250
Camera and Flash

Regular Price \$159.95

Special \$114.95

Polaroid Automatic 240

Regular Price \$129.95

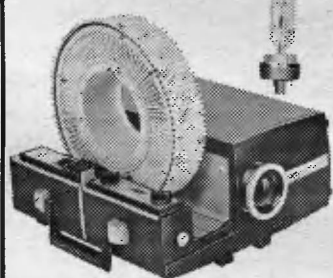
Special \$95.95

2

MOST DESIRED
SAWYER'S®
SLIDE PROJECTOR
FEATURES

GET THEM AT LOW COST

Auto-Focus Quartz Halogen Lamp



AUTO-FOCUS FEATURES

1. Solid state transistorized circuitry.
2. Convenient! Focus first slide ... projector automatically focuses all others in tray.

QUARTZ HALOGEN LAMP FEATURES

1. 50 hour life.
2. True color.
3. Brilliant light for entire 50 hour life.
4. 500-watt brilliance.

Come in for a demonstration and price quotation

University Placement

Direct inquiries to University Placement Service
Loma Linda University, Loma Linda, Calif. 92354

DENTISTS

Canada

NEEPAWA, MANITOBA: Only one other dentist in trading area of 15,000

RUTLAND, BRITISH COLUMBIA: No dentist in this community of over 6,000 population. Closest dentist seven miles away and extremely busy. Fast growing community with large SDA population. Church and academy

California

AVANEL: Dentist deceased, leaving lucrative practice. Will lease with three months free rent or will sell

EL CAJON: Wonderful opportunity in well-established practice. Owner going into semi-retirement and has larger office in San Diego so no longer desires second office. 100 percent financing possible. SDA church and church school

EUREKA: Dentist retired due to ill health. Completely equipped new office across street from two schools. Will rent or lease. Two months free rent

PANORAMA CITY: Present owner moving. Large business with 40 percent presently from prosthetics. Not much welfare work, patients in medium-high income group. Seller will work with new owner for six months on percentage basis to assist in transfer of patients. Great opportunity for right person

RIVERSIDE: Dentist retiring. Practice and completely equipped office available

WHITTIER: Dentist seeking associate, leading to partnership

Colorado

BRUSH: No SDA dentist in town of 3,700. Close to SDA church

CANON CITY: Few dentists in town of 9,000. Booked weeks in advance. Urgently need dentist. New church and good church school

GREELEY: Only one SDA dentist in lovely city of 26,000 with SDA church and church school

MONTE VISTA: Only two SDA dentists and two physicians in area of 10,000. SDA church and church school

SALIDA: Good opportunity for dentist in town of 4,600 with no SDA dentist. SDA church

Florida

LIVE OAK: Dentist wanted for mobile dental health program. Salary plus benefits

Georgia

DALTON: Excellent opportunity for general practice. Four SDA dentists and five SDA physicians in large fast growing medical center. Rental space available in new professional building. New SDA educational center, close to new academy and Southern Missionary College

Montana

POPLAR: Wealthy community has been without a private dentist for one year. Trade area of 6,000 population needs two dentists

Oregon

BROOKINGS: Beautiful costal city needs dentist. Nice church and church school. Closest dentist 30 miles. New medical and dental offices being built

Vermont

SOUTH ROYALTON: Dentist to take over an excellent practice in beautiful Vermont, country living among other SDA doctors

Washington

TACOMA: Seeking dentist to take over practice. Owner had heart attack and unable to care for all patients. Large backlog of patients at present. Great opportunity for young dentist

NURSES

California

DELANO: Nurse needed for 36-bed hospital in beautiful fruit growing area. SDA church and school

Kansas

PARSONS: Instructor with master's degree to teach in the associate degree program

Michigan

ANN ARBOR: Faculty positions available in maternity and gynecologic nursing at large university. Responsible for clinical instruction and share in classroom teaching with other members of faculty

North Carolina

SOUTHERN PINES: Instructor of maternal and infant care—assist in teaching physical mental illness. Master's degree desirable but will accept candidate who has experience and working toward master's degree

SOUTHERN PINES: Instructor for physical/mental illness. Must have strong background preparation in medical and surgical nursing. Master's degree desirable, but will accept candidate with teaching experience working toward master's degree

SOUTHERN PINES: Instructor in fundamentals of nursing. Master's degree desirable, but will accept candidate with teaching experience working toward master's degree

Oregon

WARM SPRINGS: Public health nurse must have completed at least 30 semester hours in public health nursing plus the formal training of a registered nurse

PHYSICAL THERAPIST

California

DELANO: Physical therapist needed in lovely farming community. SDA church and school

PHYSICIANS

Alabama

MARION: Teaching practicing opportunity for general practitioner in college. Local hospital in community of 12,000

Alaska

ANCHORAGE: Immediate need for general practitioner

DELTA JUNCTION: Small community 100 miles south of Fairbanks. Offices available until hospital is built. Real opportunity for mission-minded physician to help raise an SDA church. Needs physician interested in a pioneer area where the concrete jungle is absent and who likes to work with hard working homesteaders

Four LLU alumnae named outstanding

Four Loma Linda University alumnae have been selected for inclusion in the "Outstanding Young Women of America."

They are K. Helen Emori, SN '59; Frances L. Foster, SN '57; Lavaun W. Sutton, SN '57; and Linda C. Tiger, PT '67.

The four are among 5,000 young women who were nominated as outstanding young women of America by leading women's organizations and college alumni associations across the United States.

Biographical sketches of each are featured in the annual compilation, "Outstanding Young Women of America."



—Staff photo

UNIVERSITY HOSPITAL nurse Mary Von Kronenberger takes the temperature reading of Everett L. Mason, audiovisual service photographer, with a new disposable thermometer. Made by the Minnesota Mining and Manufacturing Company out of plastic and beeswax, the thermometer is currently being evaluated on the nursing research unit in the hospital. The patient warms the beeswax in his mouth and the thermometer is placed in a machine that "reads" the temperature with the help of a heat sensitive wire. University Hospital is the second hospital in the nation to use this process.

Arizona

GLOBE: Desperate need for physician to work for county. Salary plus surgery

HOLBROOK: SDA church and school in city of over 5,000. Needs missionary-minded SDA physician. Hospital available and great need for sincere up-and-coming Christian physician

TUCSON: Physician deceased and fully equipped office waiting for apartment with office. Desperate need for Spanish speaking physician

Arkansas

BOONEVILLE: Desperate need for MD in city of 3,000 with trade area of 15,000. Only one physician in area. Dentist in next office is Loma Linda graduate

HARDY: Seeking physician for this beautiful vacation area. Centrally located clinic building with ample parking

HECTOR: Physician passed away in October and a new building standing vacant waiting for replacement

British Columbia, Canada

RUTLAND: Physician killed in accident. Great need for SDA physician in area

California

BAKERSFIELD: Open staff SDA hospital. Two physicians looking for third with view toward building larger—across street from hospital. Salary open, full partnership with top salary for top man. SDA church and church school

FILLMORE: Modern, fully-equipped office available immediately. Chamber of Commerce will help in every way to get physician started in this area serving over 10,000. Only two physicians practicing full time at present. SDA church and school

GALT: SDA dentist will build medical suite for an SDA physician. Only one practicing in this area of 3,000. Hospital located in Lodi, nine miles. SDA church and school

HOLLISTER: Death of physician plus population growth create need for physician in drawing area of 20,000. Desirable office suite in medico-dental building. SDA church and school

LOS ANGELES: Need physician. Bank of America will finance tenant with rent and to get started in practice

POLLOCK PINES: SDA physician will accept new MD upon whatever basis desired. SDA church and school. Drawing area of 11,000

Colorado

LA JUNTA: Opportunity for GP in city of 8,100. SDA church and school

TRINIDAD: Seeking physician in city of 10,000. SDA church

YUMA: Beautiful rolling farm area of 3,000 seeking GP. SDA church

Illinois

CHICAGO: Seeking associate. Physician wishes to develop time for graduate study and teaching. Salary open. No investment necessary. Opportunity for partnership within six months

HAVANA: Seeking associate in established two-man office. Guaranteed salary for four months. Opportunity for partnership after one year. Trade area of 15,000

Opportunity

San Andreas, California. Excellent opportunity for medical practice. Hospital facilities, county seat. For further information contact Pastor E. D. Sorensen, P.O. Box 1037, San Andreas, California. Telephone (209) 754-3551.

Adventure With Baker



SEE SIBERIA, MONGOLIA, CENTRAL ASIA, AND EUROPEAN RUSSIA

June 25 — August 9, 1969, Alonzo L. Baker, PhD, professor of political science at Loma Linda University, is taking a maximum of 26 persons on an off-the-beaten-tourist-trail tour to a brief stop in Tokyo; then by steamer to Nahodka in eastern Siberia; by overnight train to Khabarovsk; by plane to Irkutsk and Lake Baikal; to Outer Mongolia for one week visiting the Gobi Desert and Karakorum, followed by flights to Alma Ata near the western border of China; to Tamerlane's fabled city of Samarkand, also three other Uzbek cities — Tashkent, Pendiikent and Khiva; to Ashkabad, capital of Turkmenistan; to the Caucasus Republics of Georgia and Armenia at the foot of Mt. Ararat; to beautiful Yalta on the Crimean Coast of the Black Sea; then to the three largest and most important cities of Russia — Kiev, Moscow and Leningrad. Exit through Helsinki, Finland, directly back to the United States, or with stopovers in Scandinavia, the United Kingdom, and the Continent. If desired tour members may precede the Japan Air Lines flight from Los Angeles to spend sometime in Hawaii enroute to Tokyo.

This will be Dr. Baker's fourth tour of the U.S.S.R. in the past 10 years. He has taught Russian history and government for more than 20 years. His volume, "Religion in Russia Today," came off the press in 1967. On the 1969 tour he will give frequent lectures to the group on the history, economics, social and political structures of the areas visited.

For a brochure and detailed itinerary, drop a postal card or letter to —

DR. ALONZO L. BAKER
5471 Peacock Lane
Riverside, Calif. 92505
Phone (714) 687-0338

40 percent of your income
Taxes
is more than your share.

40 percent should be your
return for your future. We
specialize in tax shelter
Investments
investments.

Lambeth

REAL ESTATE PLANNING, INC.

720 BROOKSIDE AVENUE, SUITE 101
REDLANDS, CALIFORNIA 92373
TELEPHONE 793-2272

Benefit program, radio columnist top women's auxiliary activities

The Woman's Auxiliary to the Alumni Association of Loma Linda University School of Medicine is scheduling a variety of programs to coincide with the Alumni Postgraduate Convention February 14 to 20.

The annual "Do Unto Others" benefit program will be Saturday, February 15, at 7:30 p.m. in Gentry Gymnasium, Loma Linda. Alumni and auxiliary members will participate in a skit, "You Know I Can't Hear You With My Eyes Shut." Featured will be music by the Good News Company and the Loma Linda Chorale under the direction of John T. Hamilton, associate professor of music.

Proceeds from the presentation and all DUO productions are used to help families left by deceased alumni association members. The Junior Medical Auxiliary will cater a supper beginning at 6 p.m.

Well known authors and illustrators will be at Gentry

Placement

Continued from page 4

- senior citizen communities in entire nation
- Texas
- ABILENE: Opportunity to start practice in modern office owned by SDA. One block from largest hospital in city
- CLIFTON: Opportunity for GP to associate in town of 2,000 located in central Texas. Position salaried, commensurate with present requirements, partnership later
- DALLAS: Opportunity for GP to locate in VA hospital as admitting physician. Salary. Hospital has 771 beds
- McGREGOR: Two physicians in this city of 6,000 and trade area of 10,000 need another GP to join them. No investment required. Guaranteed salary plus percentage of gross
- PALESTINE: Opportunity for physician to associate with group in city of 15,000. Salary plus privilege of treating private patients
- RUSK: State mental institution seeking GP for 2,118-bed hospital. Liberal financial arrangement
- PHYSICIANS, SPECIALISTS ANESTHESIOLOGISTS
1. Port Hueneme, California: Opportunity for right person in hospital
2. Grand Junction, Colorado: Opportunity in city of 19,000 with SDA church and school
- ENT
1. Fairbanks, Alaska: No ENT physician in city of 28,000. Population increasing rapidly
- INTERNISTS
1. Fairbanks, Alaska: No board certified internist in city of 28,000
- Gymnasium Sunday, February 16, from 10 a.m. to 3 p.m. at the Book Fair.
- Monday, February 17, chartered buses will leave the auxiliary office in Los Angeles and Fellowship Hall, Loma Linda, for a sightseeing tour of homes of celebrities and other points of interest in Palm Springs. At noon in the L'Escoffier Room, Canyon Hotel, 2850 South Palm Canyon Drive, Palm Springs, a luncheon will be held featuring a fashion show presented by Saks Fifth Avenue of Palm Springs.
- Joyce Brothers, PhD, a radio and television columnist, will speak on "Unlocking Your Mental Powers," at the annual homecoming luncheon Tuesday, February 18, at 11:30 a.m. in the Embassy Room, Ambassador Hotel, Los Angeles.
- Other speakers during meetings to be held in the Embassy Room of the Ambassador Hotel, are on Wednesday, February 19, A. Graham Maxwell, PhD, director of Loma Linda University Division of Religion,

"Distinctive Mission of the Seventh-day Adventist Church;" Mrs. James O'Brien, moderator of a panel of 40 women sponsored by the Community Relations Conference of Southern California, on "Portrait of American Women;" and Evalyn S. Gendel, MD, assistant director and chief of the School Health Section in the Division of Maternal and Child Health of the Kansas State Department of Health, "What Is Happening in American Sex Education?"

Tee off time for the third annual Woman's Auxiliary golf tournament will be 10:30 a.m., Thursday, February 20 at the San Juan Hills Country Club, S2120 San Juan Creek Road, San Juan Capistrano.

2. Dowagiac, Michigan: Only one general surgeon in city of 8,500 with trade area of 40,000. Surgeon elderly and cannot handle all work
- UROLOGISTS
1. Greeley, Colorado: Opportunity for urologist in city of 26,000. SDA church and school
2. Farmington, New Mexico: Urologist needed in city of 28,000 SDA church and school

- PERSONNEL SEEKING POSITIONS
1. Wishes position on Pacific coast. Available June 1969
- RADIOLOGICAL TECHNOLOGIST

Noted authors will appear at book fair

The Book Fair, sponsored by the Woman's Auxiliary to the Loma Linda University School of Medicine Alumni Association, will be held Sunday, February 16, from 9:30 a.m. to 3 p.m. in Gentry Gymnasium, Loma Linda.

Many noted authors will be on hand to discuss their books and answer questions. Alonzo L. Baker, PhD, professor of political science, himself the author of several books, will be the emcee.

Present will be such authors as Randall Henderson, past editor of Desert Magazine; Irving Sussman, author of "This Train is Bound for Glory;" Jonreed Lauritzen who has written many award winning Indian stories; Leo Politi, author of "Pedro, The Angel of Olvera Street;" and Edward Radlauer who has written many books about indoor and outdoor sports.

Also appearing at the Book Fair will be Rutherford Montgomery who spent four weeks as a guest of the Strategic Air Command gathering material for his books. Many other authors of books dealing with baseball, humor, animal stories, philosophy, and inspiration will be at the fair.

Anyone interested in books is invited to attend the Book Fair.

Banquet

Continued from page 1

Albie Pearson. Mr. Pearson, who holds the club record for the highest batting average, runs scored, walks, singles, and total times on base, is currently on the board of directors for "Youth for Christ," a Riverside based organization.

Tickets are on sale in the office of the vice president for student affairs on the Loma Linda campus and in Daniels Hall. Four hundred fifty tickets are available.

WANTED

Registered lab technician with X-ray experience. Full time. Salary open. GP's office. Write P. O. Box 220, Norco, Calif. Telephone (714) 689-0674.



—Photo by Eugene Hood

PHYSICIANS TAKE A BREAK during the annual Theodore Billroth Course in Surgical Anatomy which was held on the Loma Linda campus late last month. The course, which includes lectures and cadaver demonstrations, was coordinated by Raymond F. Tatro, MD, assistant clinical professor of surgery.

FOUR WEEKS OF ADVENTURE

Los Angeles to Frankfurt, Germany Round trip only \$265

July 22 to August 21

Pay for your trip by buying a factory car in Europe at wholesale prices (see catalog). Tour Europe by car with friends who share gas then resell car in California at \$400 to \$1,000 profit.

OR

take a group tour as outlined in the Youth Congress brochure and see Europe and the Holy Land. For details on trip and automobiles, write Charles Martin, 24887 Taylor Street, Loma Linda 92354. Anyone may reserve a seat as long as they last.

INLAND FORD MOTORS

113 W. REDLANDS, BLVD. • REDLANDS, CALIF. 92373

HOWIE OGDEN

WALLY MAKOWSKI

Sales Representatives

Bus. Phone 793-3211 Bus. Phone 884-5017

Finance Purchases Through

La Loma Employees Federal Credit Union

11132 ANDERSON STREET

PHONE 796-0593 LOMA LINDA, CALIF. 92254

WHY NOT IN CONNECTICUT?

There is no SDA doctor practicing medicine in Connecticut. The people of Canaan think the Geer Memorial Hospital board can draft one.

We want a volunteer.

Church - School - Home and Office space awaits an interested doctor and family.

H. E. CLOUGH, Secretary-Treasurer

Geer Memorial Hospital

Canaan, Connecticut 06018

HERITAGE GARDENS

RETIREMENT & CONVALESCENT CENTER

"Warm Personal Care for Those YOU CARE FOR"

796-0216

We Invite Your Inspection Brochure on Request

BARTON RD. AT BENTON LOMA LINDA

From I-95 take Waterman turnoff South to Barton Rd. - then East to Heritage Gardens

Cliff Coffin and Bob Ottosen, Owners

See Us for Your Brake and Transmission Problems

Loma Linda Automotive

Southeast corner Anderson Street and Redlands Boulevard

796-0611

Calendar

Of Future Events

Wednesday, February 5

CAMPUS CHAPEL, LL — Midweek prayer service, Wilbur K. Nelson, PhD, assistant professor of health education, speaking: 7 p.m.

CAMPUS HILL CHURCH, LL — Midweek prayer service, K. Tilstra presents a mission film on New Guinea: 7:30 p.m.

Thursday, February 6

COLLEGE HALL, LS — Assembly: 10:25 a.m.

BURDEN HALL, LL — Dental Students Association meeting: 7:30 p.m.

SAN BERNARDINO VALLEY COLLEGE — Illustrated forum lecture, Fran W. Hall, "Four Faces of Southeast Asia": 7:40 p.m.

Friday, February 7

Sunet 5:25

LA SIERRA CHURCH, LS — Collegiate Christian League: 7:30 p.m.

LINDA HALL, LL — Loma Linda Youth Association: 7:30 p.m.

UNIVERSITY CHURCH, LL — University Campus Fellowship, Conversations About God, A. Graham Maxwell, PhD, director of the Division of Religion, "The Problem of Evil Explored": 7:30 p.m.

Saturday, February 8

UNIVERSITY CHURCH, LL — Hour of worship, pastor James M. Mershon, "Behold the Man: Alive to Reality": 8 and 10:55 a.m.

CAMPUS HILL CHURCH, LL — Hour of worship, pastor Wilbur K. Chapman, "On Being Slow to Judge": 8:10 and 10:55 a.m.

LA SIERRA CHURCH, LS — Hour of worship: 8:15 and 11 a.m.

BURDEN HALL, LL — Nutrition and Dietetics Alumni benefit program, two color films: "Run Appaloosa Run" and "The Tattooed Police Horse": 6:30 and 8:30 p.m.

COLLEGE HALL, LS — Henry L. Scott, concert comedian: 8 p.m.

Sunday, February 9

THE COMMONS, LS — ASLLU Valentine's party.

Monday, February 10

Last day to enter classes.

UNIVERSITY CHURCH, LL — Convocation: 8:10 a.m.

Tuesday, February 11

LA SIERRA CHURCH, LS — Chapel, 10:20 a.m.

Wednesday, February 12

CAMPUS CHAPEL, LL — Midweek prayer service, pastor Paul C. Heubach, "A Christian Experience": 7 p.m.

CAMPUS HILL CHURCH, LL — Midweek prayer service, Varner J. Johns, MD, professor of medicine, speaking: 7:30 p.m.

Thursday, February 13

COLLEGE HALL, LS — Assembly, speaker's chair: 10:25 a.m.

PALM SPRINGS TRAMWAY — Loma Linda campus annual Valentine's banquet: 7 p.m.

SAN BERNARDINO VALLEY COLLEGE — Illustrated forum lecture, Eric Pavel, "Impact of the Pan-American Highway": 7:40 p.m.

BURDEN HALL, LL — Audubon Wildlife Film, Eben McMillan, "Outback Australia": 8 p.m.

Friday, February 14

Sunset 5:31

LOMA LINDA CAMPUS AND AMBASSADOR HOTEL, LOS ANGELES — Annual School of Medicine Alumni Postgraduate Convention begins today and continues through February 20.

LA SIERRA CHURCH, LS — Vespers: 7:30 p.m.

UNIVERSITY CHURCH, LL — Conversations About God series continues, Arthur L. Bietz, PhD, pastor of the Glendale City Seventh-day Adventist Church, "To Make Man Whole: Can This Hope Ever Be Realized?": 7:30 p.m.

LINDA HALL, LL — Loma Linda Youth Association: 7:30 p.m.

Benefit program

'Citrus Belters' concert set for La Sierra campus

An emergency benefit program aimed at "turning on" Loma Linda University's radio station KSDA is scheduled for 8 p.m. Saturday, February 22, in College Hall on the La Sierra campus.

The benefit will feature the 70-member "Citrus Belters" chorus of the Riverside-San Bernardino chapter of the Society for the Preservation and Encouragement of Barber Shop Quartet Singing in America (SPEBSQSA). The chorus recently won the Far Western District Chorus Competition in Las Vegas, Nevada, and is scheduled to represent the district in international competition in St. Louis, Missouri, next June.

KSDA's share of the proceeds from the benefit will be used to help defray the cost of purchasing a \$5 thousand transmitter, according to Ronald W. Bowes, station manager. The program also will help the district champion singers make their trip to St. Louis.

KSDA—89.7 on the FM dial—has been off the air since January 8, when its old transmitter finally gave out, according to Mr. Bowes. Authorized to broadcast with an effective radiated power of 1700 watts, the station suffered its ups and downs during the last year, he said, because of transmitter problems.

Power was cut to 300 watts and finally to 50 watts—sufficient to guarantee reception only in the La Sierra area. In addition there were problems of interference with audio recep-

tion in the local area on KCOP and KABC television.

Actually, according to Mr. Bowes, the station had been shut down several times in weeks just prior to the final breakdown of the transmitter. He said the 25-year-old transmitter was "spawning spurious harmonics" that caused interference with the television stations.

The new transmitter KSDA hopes to have in operation shortly after the benefit concert is a 1000-watt instrument capable of being stepped up by modification to produce 5000 watts. It will be capable of eventually broadcasting stereophonic programs and will be outfitted with "harmonic traps" to prevent interference with the television stations.

Mr. Bowes reports that KSDA's technical problems have come at a time when the station was reaching new heights of popularity among listeners because of improved programming and extended time on the air (90 hours per week).

KSDA's staff foresees opportunities for increasing the station's coverage area, broadcast quality, and quality of sound. The station should get an improved signal into the area centered on the Loma Linda campus of the University, according to Mr. Bowes. He said that improved reception in Loma Linda is a major objective of the station.

Mr. Bowes pointed out that KSDA's antenna recently was modified by replacing an old "dual-stacked halo" antenna top with a new omnidirectional "big wheel" that gives a boost to "fringe area" coverage. He said that the station was never able to make use of the full potential of the new antenna top because of reduced power operations in the weeks just before going off the air.

The barbershop singers' concert on behalf of KSDA and their own trip to St. Louis, will include selections by the Citrus Belters chorus and several quartets: "The Variety Vagabonds," "The Aire-Liners," and

Pink ladies attend area council meet

Three University Hospital Volunteer Service League "pink ladies" attended the Inland Desert Hospital Auxiliary area council meeting at Parkview Community Hospital, Riverside, recently.

They are Mrs. Carl Sundin, president of the Volunteer Service League; Mrs. Charles H. Baker, secretary; and Mrs. Bernard D. Briggs, treasurer of the Inland area council.

The Inland Desert Hospital Auxiliary is composed of volunteer service leagues located throughout San Bernardino and Riverside counties.

the "Honeycombs," the latter a women's group of the Sweet Adelines.

The Citrus Belters were recently featured on the Joey Bishop show broadcast by ABC-TV nationally. The group was fifth, in 1964, and sixth, in 1965, in international competition.

Tickets for the benefit will be available at Harris', 3635 Plaza Mall, Riverside; Cheney's Music House, 3931 Main Street, Riverside; the College Market in La Sierra; the Courtesy Center at the Loma Linda Market; the office of the Vice President for Student Affairs on the Loma Linda campus; and at KSDA on the La Sierra campus. Prices if paid in advance are: for individual tickets, \$2 (or \$2.50 if purchased at the ticket office on the night of the concert); for students and children, \$1.25 (\$1.50 at the box office); and, for families, \$3.50 (\$4 at the box office).

Bowes said that KSDA listeners who are unable to attend but still wish to support the campaign to get the station back on the air may make contributions directly to the station.

Births

CHAN, Francis Daick-Wai was born November 27 to Mr. and Mrs. John Y. Chan, SM '70, of Loma Linda.

KEITH, Liane Jean was born November 28 to Mr. and Mrs. William J. Keith, audiovisual service instructional television consultant, of Loma Linda.

SODERBLOM, Sheryl Denise was born November 30 to Dr. and Mrs. Robert E. Soderblom, SM '63, of Loma Linda.

OH, Stanley Kim was born December 1 to Mr. and Mrs. Daniel Y. Oh, SD '70, of San Bernardino.

ENSMINGER, Shelly Anne was born December 16 to Mr. and Mrs. Norman D. Ensminger, DDS, instructor in restorative dentistry, of Cherry Valley.

REEVES, Cherub, Denise was born January 5 to Mr. and Mrs. Bill D. Reeves, SD '72, of Riverside.

GILLIAM, Randall L. was born January 8 to Mr. and Mrs. Larry A. Gilliam, SM '71, of Loma Linda.

TEICHMAN, Heidi Dianne was born January 9 to Dr. and Mrs. Siegmund Teichman, SM '68, of Redlands.

PREPARATION FOR THE LATTER RAIN

A series of studies presented recently in the University Church, Loma Linda. A 32-page compilation from the Spirit of Prophecy. Twenty-five cents each postpaid. Eight copies for \$1 postpaid. Write B. E. Wagner, 24978 Lawton Avenue, Loma Linda, California 92354.

Have you misplaced \$10,000?

Take a look around your office. That \$10,000 may be invested in your equipment...with the value going down and down everyday. The equipment, of course, is essential, but the investment isn't.

For example: 1) An equipment purchase-and-lease-back agreement turns your investment into cash; 2) your lease payments on the equipment are written off as business expense and; 3) your recap-

tured capital goes to work in a growth investment.

Have we oversimplified? Yes. But it gives you one idea of what can be done through our special financial services designed to help you make the most of what you have.

Let's look around. You may have misplaced all kinds of take-home pay.

For details on our service, simply call or write.

Bob New, Inc.

736 North Glendale Avenue,
Glendale, California 91206
Telephone: (213) 244-4788

Loma Linda Realty And Insurance

SINCE 1936 PH. 796-0242
11112 Anderson St., Loma Linda

— FOR SALE —

Duplex. Each unit has 2 bedrooms and garage; large lot. Low vacancy factor. \$25,000.

3-bedroom house with a double garage, 1½ baths, builtins, fireplace, formica, dishwasher, forced air heating, refrigerated cooling, beautiful carpets, sprinklers. This is a new house for only \$44,500.

— FOR RENT —

Large 2-bedroom apartment, carpets, drapes, stove, refrigerator, and carport. \$120 per month.

WE HAVE RENTALS - HOUSES AND APARTMENTS
We write Dwelling, Fire and Auto Insurance



EARNEST L. LUTZ, Sr., displays a few of his hundreds of plastic embeddings. Mr. Lutz recently authored a 186-page book designed to instruct the naturalist, researcher, or student in plastic embedding.

Former missionary, employee authors book on plastics

A book on plastic embedding, written by a former Loma Linda University employee and missionary to China, and longtime Loma Linda resident, Earnest L. Lutz, Sr., has recently been published by Naturegraph Publishers of Healdsburg.

The 186-page "Handbook of Plastic Embedding," is designed to instruct the naturalist, researcher, or student in the art of embedding animals, plants, and other objects in polyester resins.

Mr. Lutz developed the process of embedding anatomical

New officers elected by public health student association

The School of Public Health Student Association recently elected new officers.

New officers of the association are Richard H. Hart, president; Alan Rice, vice president; Charlene E. Davison, secretary; John A. Hanson, treasurer; Robert A. Roach, religious activities director; and Marietta L. Deming, social activities director.

Jan W. Kuzma, PhD, assistant professor of biostatistics was elected faculty sponsor of the Student Association.

specimens in plastic while working for the University.

The book gives concise instructions on how to embed materials including botanical, zoological, anatomical, and rigid dry specimens.

SM convention

Continued from page 1

Loma Linda University School of Medicine; Malcolm L. Peterson, MD, chief of Washington University Medical Service, St. Louis City Hospital, St. Louis, Missouri; Keith P. Russell, MD, clinical professor of obstetrics and gynecology at the University of Southern California School of Medicine and the senior attending obstetrician at Los Angeles County General Hospital, Los Angeles.

Ralph C. Benson, MD, professor and chairman, department of obstetrics and gynecology, University of Oregon Medical School; Joseph A. Belanti, MD, associate professor of pediatrics and microbiology, Georgetown University Medical Center, and chairman of the subcommittee on Introduction to Clinical Science.

George D. Zuidema, MD, professor and director of the department of surgery, Johns Hopkins Hospital, Baltimore, Maryland; Donald W. Petit, MD, clinical professor of medicine at the University of Southern California School of Medi-

Medicine, dentistry

Early acceptances announced

One hundred two students have been accepted to Loma Linda University School of Medicine for the 1969-1970 school year according to Walter B. Clark, dean of admissions.

Students who will enter the School of Medicine next September are:

Susan J. Amundson, Sheridan, Wyoming; Donald L. Anderson, Keene, Texas; Paul Y. Aoyagi, Denver, Colorado; Paulos, Berhanu, Jimma, Ethiopia; J. Timothy Blackwelder, Citrus Heights; Allan D. Bock,

cine, and chief of the endocrine clinic, Los Angeles County Hospital and University of Southern California Medical Center.

Loma Linda University faculty members participating in the scientific assembly are David B. Hinshaw, MD, dean, School of Medicine; Robert F. Chinnock, MD, professor of pediatrics; Louis L. Smith, MD, professor of surgery; Erwin E. Nichols, MD, chairman, School of Medicine department of gynecology and obstetrics; Elmer R. Jennings, MD, clinical professor of pathology.

Francis Y. Lau, MD, associate professor of medicine; Stanley R. Zerme, MD, associate clinical professor of gynecology and obstetrics; George Kypridakis, MD, associate clinical professor of pathology.

Nord S. Nation, MD, assistant professor of pediatrics; Isaac Sanders, MD, assistant professor of radiology; Arthur J. Riesenfeld, MD, assistant professor of medicine; George G. Burton, MD, assistant professor of medicine; Earl J. Boehme, MD, assistant professor of surgery; and Arthur L. Dick, MD, instructor in urology.

A gala convention banquet is set at the Embassy Room of the Ambassador Hotel Wednesday evening, February 19. Honored will be the silver and golden anniversary classes as well as the class of 1969.

The second annual Percy T. Magan lectureship will be presented Wednesday afternoon by George T. Harding, III, MD, professor of psychiatry at Ohio State University School of Medicine and owner of the Harding Hospital, Worthington, Ohio. The lectureship will be "The Doctor's Dilemma: Family vs. Practice." Dr. Harding was president of Loma Linda University from 1948 to 1951.

South Lancaster, Massachusetts; Charles R. Boice, Sonora; William W. Bowen, Ukiah; E. Gene Brooks, Evansville, Indiana; James A. Bryant, New Carlisle, Ohio; J. Donald Burgess, Stoneham, Massachusetts; Frederick B. Brown, Oak Brook, Illinois.

Hugh J. Caggiano, Canton, New York; Richard H. Cales, Riverside; Richard A. Carpenter, Walla Walla, Washington; Robert A. Chilson, Richland Center, Wisconsin; Timothy Ching, Covina; Elaine C. Christian, Glendale; Eldonna M. Christie, Lincoln, Nebraska; Kenneth H. Coleman, Portland, Oregon; R. Edward Cook, Milwaukee, Oregon.

Ronald E. Davis, Schenectady, New York; Robert L. Dohlman, Ackley, Iowa; James L. Edwards, Glendale; Warren L. Ellison, Berrien Springs, Michigan; Edward N. Elmen-dorf, III, Vassar, Michigan; Alan K. Ford, Hermiston, Oregon; Ernest L. Ford, Aleknagik, Alaska; Serafin M. Garcia, Takoma Park, Maryland; Brent F. Gardner, Everett, Washington; Larry M. Gessele, Potland, Oregon; Joseph R. Gifford, Jr., Aloha, Oregon; Linda L. Giles, Collegedale, Tennessee.

Thomas E. Hamilton, Collegedale, Tennessee; Gary A. Hanson, Bakersfield; David L. Harrom, Lincoln, Nebraska; Robert M. Harsany, Mt. Vernon, Ohio; John T. Hata, Honolulu, Hawaii; Theodore R. Holford, Cicero, Indiana; David L. Holland, San Antonio, Texas; Edward B. Holm, Clearlake Highlands; Kazuhiko Hongo, Nagasaki-Ken, Japan; Charles W. Irvin, Grand Prairie, Texas.

Robert L. Jacques, Forest Falls; Byrl D. Johnson, Hyattsville, Maryland; Kenneth D. Johnson, Vienna, Virginia; Mark D. Johnson, Loma Linda; Oliver L. Johnston, Berrien Springs, Michigan; James R. Karmy, Chehalis, Washington; Ingrid E. Khoe, Northridge; James J. Kramer, Costa Mesa; Raymond L. Larsen, Bonita; Steven R. Larsen, Mt. Vernon, Washington; Phillip Lowe, Oxnard.

Richard H. Lukens, Angwin; Carl E. Lundstrom, Takoma Park, Maryland; Ralph E. McClure, Silver Spring, Maryland; John P. Maguire, College Place, Washington; Edward B. Miller, Days Creek, Oregon; Gerald J. Mitchell, Ft. Worth,

Texas; Thomas F. Mitts, Visalia; Stephen E. Mortensen, Santa Monica; James J. Mulder, Escondido.

David L. Neumann, Sacramento; William Y. Oh, Culver City; Donald C. Oliver, Clearlake Highlands; James W. Pearce, Seattle, Washington; Antonia M. Pena, San Diego; Larry R. Potts, Grass Valley; James S. Procell, Johnson City, Tennessee; Robert P. Renck, Sonora; Daniel H. Rich, Tehachapi; Robert L. Rusche, Paradise; Irwin J. Russell, Englewood, Colorado.

Remy C. Sagadraca, Waipahu, Hawaii; B. Walter Scheithauer, Samoa; R. Malcolm Schmehl, Ooltewah, Tennessee; Daniel T. Schneider, Livonia, Michigan; Judith M. Schnepfer, Corona; Allen E. Shepherd, Jr., Van Nuys; George T. Simpson, Riverside; Jeriya Sitongipisan, Bangkok, Thailand; Norman Y. Sogioka, Chino; William J. Spanos, Redlands; Warner B. Swarner, Memphis, Tennessee.

Ernest I. Takeuchi, Honolulu, Hawaii; Donovan D. Teel, Loma Linda; Steven J. Trenkle, Mountain View; Nancy S. Trimble, Sioux City, Iowa; Joseph C. Tsai, Victoria, British Columbia, Canada; Stephen B. Tucker, Encino; John M. Turnbow, Boise, Idaho; Thomas E. Verhelle, East Detroit, Michigan; Rebecca A. Vick, Colton.

Harlan D. Wadley, Arcadia; Jonathan V. Watt, Brusett, Montana; Leslie L. Weaver, Akron, Ohio; John H. Wieland, Banning; Gerald E. Weitz, Spokane, Washington; Sylvia R. Winters, Wichita, Kansas; David Y. Wong, Bangkok, Thailand; David E. Zinke, Exeter.

Dentistry

A partial listing of those receiving acceptances to the School of Dentistry are:

Thomas D. Buck, Loma Linda; Steven W. Campbell, Canyonville, Oregon; George J. Capachi, Sacramento; Daniel E. Fisher, Fremont; T. John Guillen, Colton; Phillip O. Hardy, Mentone; James J. Hein, Sutherlin, Oregon; Harland G. Lewis, Annandale, Virginia.

Ronald B. Mead, Riverside; Charles K. Prince, Washington, D.C.; David N. Trujillo, Loma Linda; Janet L. Vaughan, Corpus Christi, Texas; Ronald A. White, Auburn, Washington; Edwin W. Wolske, Meridian, Idaho; Edward C. Wright, Long Beach; Ronald G. Zirkle, Redding.



NEW ENGLAND MEMORIAL HOSPITAL

A full-service community hospital, dedicated to Christian service — the new New England Memorial Hospital in Stoneham, Massachusetts, will be ready for occupancy in September 1969.

If you are a paramedical student, why not explore employment and benefit possibilities with Rayland L. Pelton, administrator. You'll be glad you did!

Raymond L. Pelton, administrator, would like to meet with interested paramedical students. Come on — get acquainted! !

Placement Office

February 6 and 7

University Hospital
Student Lounge

February 9, 10 and 11

INTRODUCING

THE NEWEST MEMBER OF
THE YAMAHA FAMILY
OF FINE MUSICAL INSTRUMENTS

The Yamaha Stereo

4-speed turntable, AM and FM radio



See these beautiful models at:

RALPH PIERCE MUSIC

435 EAST HOLT AVE
POMONA, CA. 91766

Nursing

Alumni News

Changing a pattern as old as the School of Nursing, alumni leaders have set aside a whole weekend for the 1969 alumni homecoming and have moved the date to a time several weeks earlier than graduation weekend.

Constitutional changes acted upon last year permitted this shift in homecoming plans, to accommodate senior nursing students and faculty, who found it increasingly impossible to attend the annual banquet when held graduation weekend.

All weekend activities, May 9-11, will be beamed at nurses in attendance, from the Friday evening and Sabbath special features to an institute, banquet and lecture on Sunday, the eleventh. Helen Nahm, dean of the School of Nursing, University of California at Los Angeles, and internationally known nursing leader, will be the speaker for the third annual Mary Monteith Lecture, Sunday evening May 11. The institute, planned for Sunday, will have as its theme, "Cancer," and will feature several outstanding nurse specialists in that field. The banquet program committee, under the chairmanship of Madelyn Klingbeil, is already working hard to provide an outstanding and enjoyable banquet complete with social hour.

Nurse alumni: mark your calendars now, and plan to attend next spring!

"Adventist Nurses Vote to Avoid Labor Disputes" is the article written by R. Maureen Maxwell '43, President of Seventh-day Adventist Nurses Association as it appears in the Review and Herald July 13, 1968 issue. This article should prove useful in helping Seventh-day Adventist nurses as issues of economic security and the strike are discussed in state and local nurses associations.

Janene L. Thomas, '68, had an exciting six-weeks vacation trip to Jamaica with her parents.

Jeanine Purdy Wearner, '68, with her husband are under appointment for a five-year term to serve on a mission launch in Manaus, Brazil.

Dynette Nelson Hart, '67, instructor in nursing, spent the summer teaching anatomy and

physiology at the Sopas Medical Training Centre at Wabag, New Guinea; her husband, Kenneth W., SM '69, worked with Robert D. Wood, SM '62, medical officer at the centre.

Sigrid Krautschick Rochte, '61, instructor in nursing, spent a month in Guatemala with a group of medically oriented individuals to provide remedial medical services in inaccessible areas of Guatemala.

Rosalee Gunderson Graves, '34, from Clinica Val Paraiso, Guatemala, is spending several months in Loma Linda working at University Hospital to augment the mission budget and to learn new techniques. When asked what is new since her training days she replies promptly, "Everything. Learn something every day."

Rosalee is hoping to earn enough money to buy a much needed four-wheel drive vehicle. She has been in demand for mission talks in the various churches in this area. Her husband Harold L. Graves, SM '40, and she have made medical care available to people who previously had none within a radius of 55 miles. Neither had there been any Seventh-day Adventists; now there is a church of 180 members.

Helen Thompson Roach, '33, has returned to Loma Linda and is teaching in the recently established Licensed Vocational Nursing program at the University.

Phyllis Ann Wood, '62, Sopas Hospital, Wabag, New Guinea, "I was so happy to receive the gift of \$30 from my nursing alumni. It is always an encouragement to hear from folks back home and know they are thinking about us and working to help us carry on the work here. One of our many projects will benefit from the gift."

Esther Nash Shigley, '26, a missionary in China for many years, is now at Sabanilla, Chiapas, Mexico, with her husband, assisting in building a clinic.

Thelma Estes Wilbur, '31, writes that she is retired but busy with Dorcas work and teaching in the primary division of the Sabbath School in Canby, Oregon.

Ethel Nakamota Inaba, '49, is working the night shift at the Good Samaritan Hospital in Corvallis, Oregon, where her husband is studying electrical engineering.

Eleanor Wallin Fridlund, '31, is the evening supervisor at the Josephine Sunset Home, Standwood, Washington.



—Staff photo

MEDICAL RECORD ADMINISTRATION senior class officers visit with their president Frederick T. Crawford. Other officers are (left to right) Donna C. Knipschild, social director; Mazel V. Burlew, vice president; Sandra T. Cooper, chaplain; Shirley R. Rocek, secretary-treasurer; and Lenora L. Ford, junior class representative.

Custom-made Casavant pipe organ set for installation at La Sierra

A new, custom-made Casavant pipe organ with one of the most technically advanced designs locally will be assembled in Hole Memorial Auditorium on the La Sierra campus next summer, according to Donald J. Vaughn, assistant professor of music.

The new three-manual, 60-rank organ, built by Casavant Brothers of Saint Hyacinthe, Quebec, Canada, will replace an old theater-type organ which was donated to the University by Walt Disney in 1935.

From 15 to 19 months are generally needed to custom-build Casavant organs, but because of a space in the company's production schedule, the

La Sierra organ will be completed in less than half that time, according to Mr. Vaughn.

Extensive remodeling of the auditorium's stage has begun, and the 3,200 pipes are expected to arrive by the first of July. Mr. Vaughn said that several weeks will be required to set up the organ, and several additional months needed to "voice and regulate it." It is expected to be in service by October of this year.

To enable the pipes to "speak freely," says Mr. Vaughn, all of the organ's pipes will be visible. "It will be pleasing to both the ear and the eye," he adds.

The console will be set on a movable platform so that it can be pushed to the center of the stage for concerts and recitals, or pushed into its own room off stage when not in use.

The auditorium's present organ was never intended for

music literature, but rather was to be used as background music for the Walt Disney cartoons—hence its nickname "The Mickey Mouse Organ."

The new organ, however, will follow principles established since the Bach era, reflecting advances and changes enabling adjustments for both baroque and contemporary music, according to Mr. Vaughn.

Director appointed for University relations office

Recently returning to the University to become director of University Relations, is Oliver L. Jacques.

Mr. Jacques formerly held this position at the University from 1962 to 1967. In 1967 he was administrative assistant to Congressman Jerry L. Pettis (R-California).

Active in civic activities, Mr. Jacques has held such positions as director of the Redlands Chapter of the American Red Cross, chairman of the Coordinating and Communications Committee for Mental Retardation Agencies, vice president of the Arrowhead United Fund, president of Loma Linda Community Services Council, president of the Warner Guidance Center of Palm Springs, and chairman of the Redlands Chapter of the American Red Cross.

guest lecturers C. W. Gilman, DDS, president, Southern California Dental Association; Thomas W. Beckham, director of education, American Dental Assistants Association; and Frank Eyer, DDS, general practitioner and practice management consultant.

OPPORTUNITIES

Excellent opportunities in British Columbia for physicians and dentists. Conference eager to assist. Kindly contact medical secretary, Reuben Matiko, MD, Box 10, Mission City, BC, Canada.

Four acres, 500 orange and grapefruit trees. Large barn and corral. 3,400-square-foot, 5-bedroom home, newly decorated. \$69,900.

COMMERCIAL PROPERTY

Lot 50 x 435.6. Readily seen from freeway. Has new 1,000-square-foot building, 2-bedroom home, 2-bedroom rental, and bachelor apartment. \$32,000.

NEW HOMES

South of Barton Road. Buy now and choose your own colors. 90 percent financing, complete with refrigerated air, fenced yard, wall to wall carpeting. \$27,800 - \$28,500.

We have an excellent variety of reasonably priced homes from \$8,500 to \$70,000. Also

RENTALS, APARTMENT HOUSES, BUILDING LOTS

UNIVERSITY REALTY

Across from Post Office P.O. Box 345, Loma Linda 92354
Phone 796-0156
E. J. Miller, broker
Edith Hale, Bruce Garrett, Ed Vogel, Dick Smith, Lillian Miller, associates

SD convention

Continued from page 1

in clinical application and techniques.

The table clinics will be on exhibit throughout most of the convention in Gentry Gymnasium on the University campus. Winners will be awarded prizes at a banquet Thursday evening. First place winner will represent the University in the national competition at the 1969 meeting of the American Dental Association.

School of Dentistry students have taken the first place award for three years and have placed among the top four for the last seven years in the national American Dental Association judging.

Judges for the convention competition will be Edward F. Furstman, DDS, president, Southern California Dental Association; James L. Killpack, DDS, president, Tri-County Dental Society; Mrs. Jean Poupard, associate clinical professor and chairman, Division of Dental Hygiene, University of California, San Francisco.

Louis G. Terkla, DDS, dean, University of Oregon Dental School; Gerald D. Timmons, DDS, dean emeritus at Temple University School of Dentistry, Philadelphia, and former presi-

STEVENSON MOTOR SALES

New Cars at Discount Prices

R. E. Stevenson

Licensed, Bonded Dealer-Broker

Box 325, Angwin, Calif. 94508

Phones: (707) 965-2775
(415) 755-4839 (S. F.)

Authorized Representative for SAN BERNARDINO COUNTY

- Mason & Hamlin
- Chickering
- Everett
- Hardman
- Cable Nelson

Fine Selection of Styles and Finishes

HOLLY & JACKSON

Redlands Boulevard at New York Street, Redlands



—Staff photos

TWO SMALL BOYS watch intently as two caterpillars level the old School of Public Health building. Known for years as the School of Tropical and Preventive Medicine building or South Laboratory, the building originally housed a student laboratory before being transformed into a clinical laboratory for the former Loma Linda Hospital and Sanitarium. In 1948 the building became headquarters for the former School of Tropical and Preventive Medicine, and finally housed the newly formed School of Public Health before its move to Nichol Hall.

Men's singles tennis tournament set for February 9, 16, 23

Students, faculty, and staff members are eligible to play in the Loma Linda campus tennis men's singles tournament February 9, 16, and 23.

Winners of the tournament will make a team which will play the winners from the La Sierra campus. Sign up sheets are posted in Daniells Hall, University Hospital, the dental clinic, and the Loma Linda Market.

School of Dentistry refresher courses offered March 6-8

Sixteen continuing education refresher courses in dentistry will be offered by Loma Linda University during the four days prior to the annual School of Dentistry Alumni-Student Convention, March 6-8.

Courses scheduled include "Oral Surgery Problems in General Dentistry," March 2;

"Applied Anatomy of the Head and Neck," "Professional Corporations for Dentists," "Maxillofacial Prosthodontics," "The Dentist and the Distinctive Mission of the Seventh-day Adventist Church," The Hygienist's Role in Periodontal Therapy," "Today's Materials for Restorative Dentistry," March 3;

"Dental Health Education," "Is Your Dental Practice Fit to be Tried?" "... But What Shall I Tell the Patient?" "Are You Planning for a Heart Attack?" March 4;

"Practical Periodontics," "Christian Ethics and the Dentist in a Situation of Change," "Removable Partial Denture Design," "A Color Television Analysis of My Practice," and "Are You Planning for a Heart Attack?" March 5.

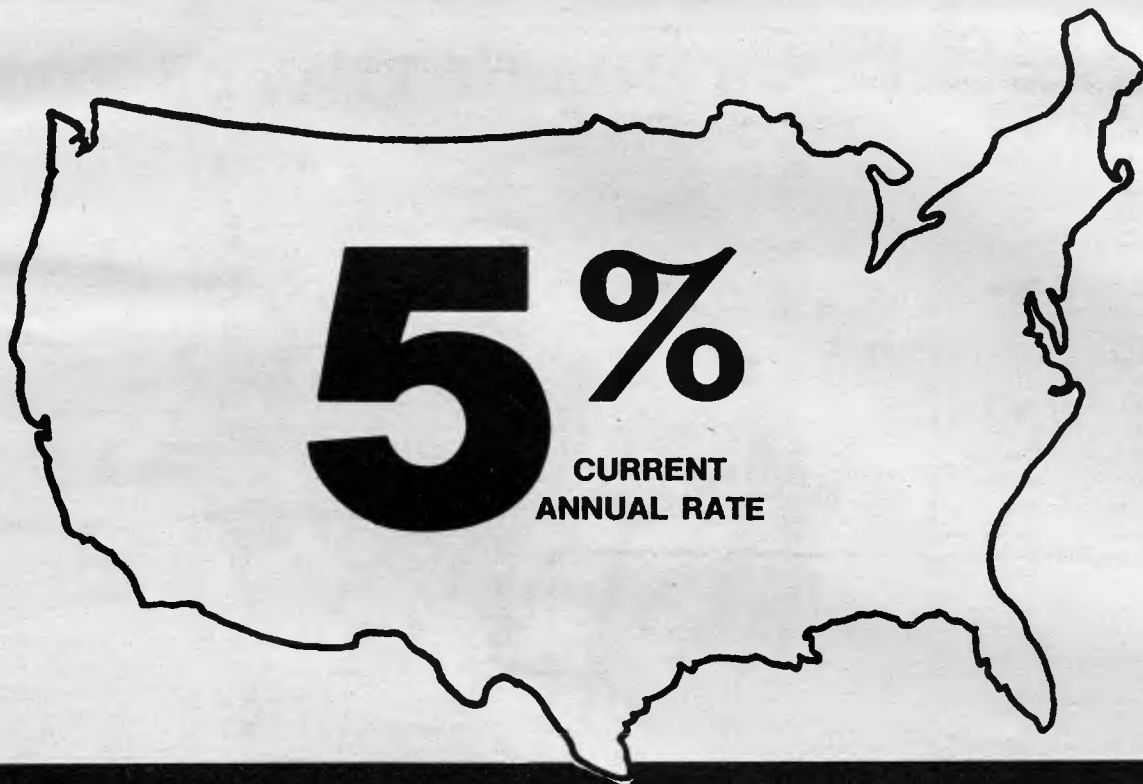
Further information concerning exact times and fees may be obtained by writing to the Director of Continuing Education, Loma Linda University School of Dentistry, Loma Linda, California 92354.

For Sale

Beautiful duplex for sale, 2 bedrooms, 2 baths each side. Located in the heart of Loma Linda. Carpets, drapes, builtins, finished garages. An exceptional value at \$35,000. May be seen at 11242 Bellaire Street, Loma Linda. Contact Central California Conference Association, P.O. Box 580, San Jose, California 95106. Telephone (408) 297-1584.

COMPARE!

Yes, compare earnings and withdrawal restrictions! You'll see First Federal's 5% current annual rate is the nation's highest on passbook savings — no withdrawal restrictions. Savings deposited by the 10th of the month earn from the first and accounts are insured to \$15,000!



NATION'S HIGHEST RATE!

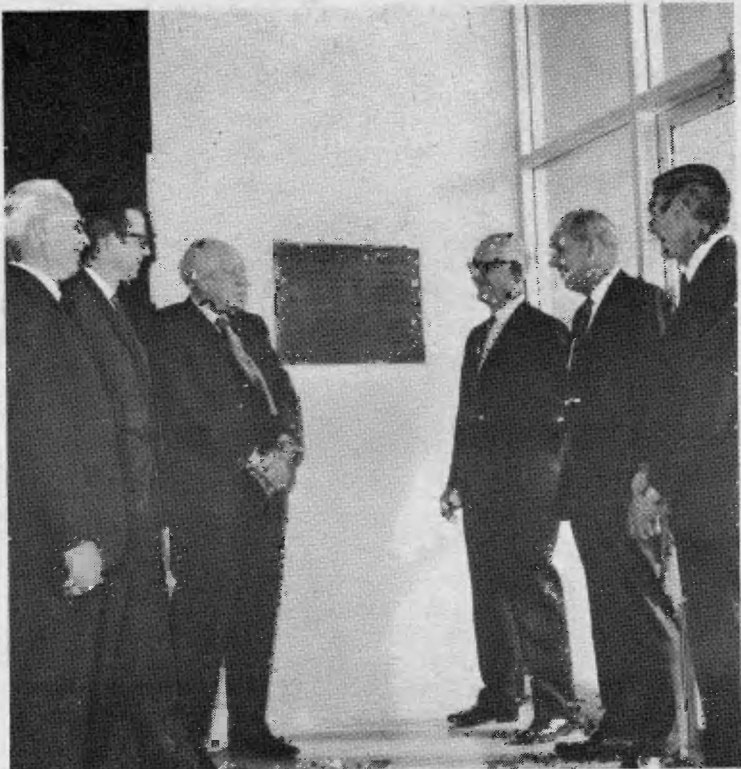


FIRST FEDERAL

SAVINGS & LOAN ASSOCIATION OF SAN BERNARDINO

555 No. E St., San Bernardino

LOMA LINDA: 11142 ANDERSON ST. • BARSTOW: 602 E. MAIN ST.



—Photo by Eugene Hood

UNIVERSITY OFFICIALS visit with **J. Dale Gentry**, retired San Bernardino businessman, during a recent gathering in his honor. Gentry Gymnasium, named in Mr. Gentry's honor for his financial support to the University, was partially financed by the University Councillors. Pictured with Mr. Gentry are (left to right) Wesley I. Unterseher, director of development; Howard B. Weeks, PhD, vice president for public relations and development; David J. Bieber, University president; Robert L. Cone, vice president for financial affairs; and William G. Nelson, vice president for student affairs.

Community chorus to present Handel's 'Israel in Egypt'

"Israel in Egypt," G. F. Handel's oratorio, will be presented by the Loma Linda University Community Chorus and orchestra directed by Patrick H. Hicks, assistant professor of music, Sunday, February 9, at 8:15 p.m. in Gentry Gymnasium, Loma Linda.

Soloists for this performance will be Maurita Phillips and Joann Robbins, sopranos; Shar-

on Holm and Sylvia Goss, contraltos; Robert Johnston and Estyn Goss, tenor; and Richard Williams and John Casey, basses.

Tickets for this program will be \$3 and \$1.50.

A second concert will be held May 4 when "Belshazzar's Feast" by contemporary British composer William Walton, and the "Requiem" by Johannes Brahms will be presented.

Special projects fund established in physician's memory

A new fund has been set up in the memory of the late William D. Bolander, MD, former assistant professor of psychiatry at Loma Linda University.

Instituted at the request of Dr. Bolander's family, funds received will be used for special projects at University Hospital.

Currently on the priority list of projects is a piano for patients on the psychiatric unit at University Hospital. School of Medicine officials feel that the purchase of the piano in Dr. Bolander's memory would be especially appropriate because of Dr. Bolander's strong interest in music. Dr. Bolander was director of the Loma Linda Chorale at the time of his death.

Contributions may be made to Loma Linda University in the name of the William D. Bolander Memorial Fund.

Mitzelfelt Chorale concert scheduled for LA Music Center

The Mitzelfelt Chorale and members of the Glendale Symphony Orchestra will be presented in concert in the Dorothy Chandler Pavillion of the Los Angeles Music Center next Saturday evening.

Directed by H. Vincent Mitzelfelt, MD, the program will include selections by Bach, Caldara, and Beethoven.

Ticket information may be obtained by mail from the Mitzelfelt Chorale, 1951 Escarpa Drive, Los Angeles 90041; by telephone (213) 255-8590; or at the Music Center box office.

The program will begin at 8:30 p.m.

Vietnamese hospital receives supplies by unusual method

An interesting chain of events has recently opened the way for medicines and medical equipment to be mailed to the Saigon Adventist Hospital, Saigon, Vietnam.

Gus H. Hoehn, SM'45, assistant clinical professor of der-

matology, who had been sending badly needed medicines and supplies to the Saigon Adventist Hospital, found that Jess C. Holm, SM'52, medical director of the hospital, was using them up faster than Dr. Hoehn could send them. Having heard of various other organizations that were shipping dolls and toys to the civilians of Vietnam by addressing them to servicemen and using their APO postal privileges, Dr. Hoehn arranged to ship the supplies to Private James Snipes (son of George W. Snipes, SM'42) who is stationed in Saigon.

School of medicine class officers named

The School of Medicine class of 1970 recently elected officers for the school year.

They are John D. Jacobson, president; Herbert D. Brahman, vice president; Sherry L. Brahman, secretary; Lee O. Gates, treasurer; James D. Simpson, chaplain; Keith K. Colburn, social activities director; Merrill J. Shidler, sports activities director; and Daniel H. Wissinger, student faculty representative.

Elected as the faculty sponsor was George G. Burton, MD, assistant professor of medicine.

Service action corps initiated by UCF

A new program — the Social Action Corps — designed to help young adults in the Inland Empire area has been initiated by the University Campus Fellowship.

The service program will function in five areas including medical, tutorial, counseling, recreational, and social services.

"We feel that a sensitive social concern which results in a helping ministry to our neighbor is the best way to follow the example of Christ," says Cynthia Cooley, University Hospital social worker and one of the project coordinators.

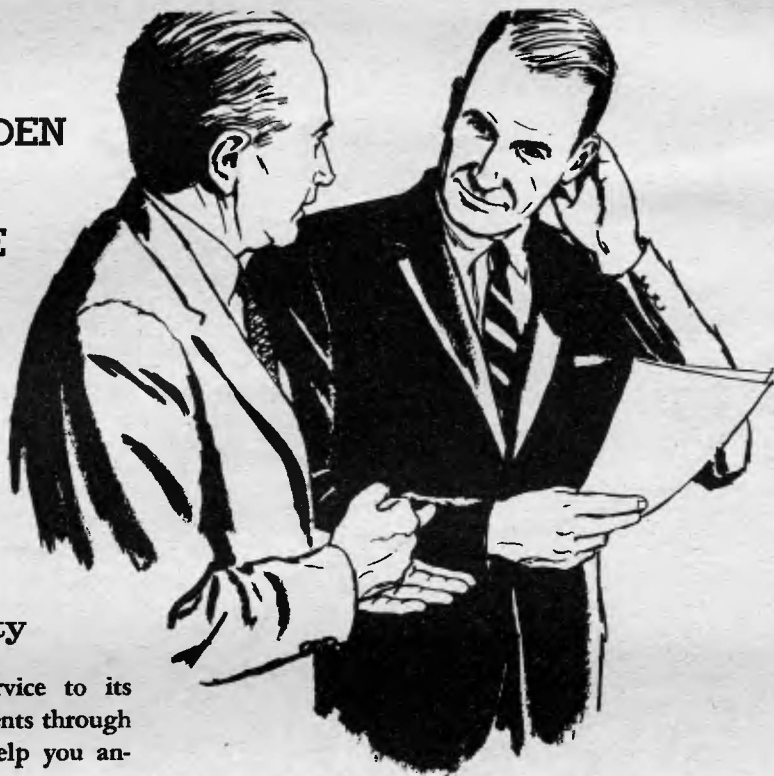
The new service organization will work with agencies in Inland Southern California.

Meanwhile, Private Snipes received the shipment of vitamins from Loma Linda and told the chaplain of the 90th Battalion about the work the Saigon Adventist Hospital was doing for the civilians. The chaplain let Private Snipes take the supplies to the hospital in his jeep; and then he set the hospital up as the next humanitarian project for the 90th Battalion. Two thousand dollars was raised by the battalion; and the money is presently being used for supplies and equipment for the new school of nursing at the hospital.

Anyone interested in sending medicines or medical equipment to the hospital may now mail them directly to Jess C. Holm, MD, Federal Aviation Administration, 3rd Field Hospital, APO San Francisco, California 96307.

Tax Shelters Benefit You and Your University

WHAT WOULD A SUDDEN DEATH DO TO YOUR FINANCIAL STRUCTURE AS IT NOW EXISTS?



Loma Linda University

offers a valuable service to its alumni and their patients through Estate Planning to help you and its Trust Program.

Here are legal instruments which in proper combination can effectively give you present and future security as you aid your university.

I LIFE INCOME CONTRACT

Furnishes substantial returns plus savings on capital gains taxes on transfer of assets.

Provides lifelong income plus estate tax advantages.

II TRUSTS

Charitable Remainder—

Revocable—

Short-Term—

III CHARITABLE ANNUITIES

IV RETIREMENT PLAN

MAIL COUPON TODAY

A DEFERRED GIFT PLAN . . . CAN

- . . . provide the greatest possible security for your assets.
- . . . provide necessary income for your post-earning years.
- . . . provide for your family
- . . . provide the satisfaction of philanthropic participation in a great enterprise.
- . . . utilize government provision for aid to education through tax advantages.

The President
Loma Linda University
Loma Linda, California 92354

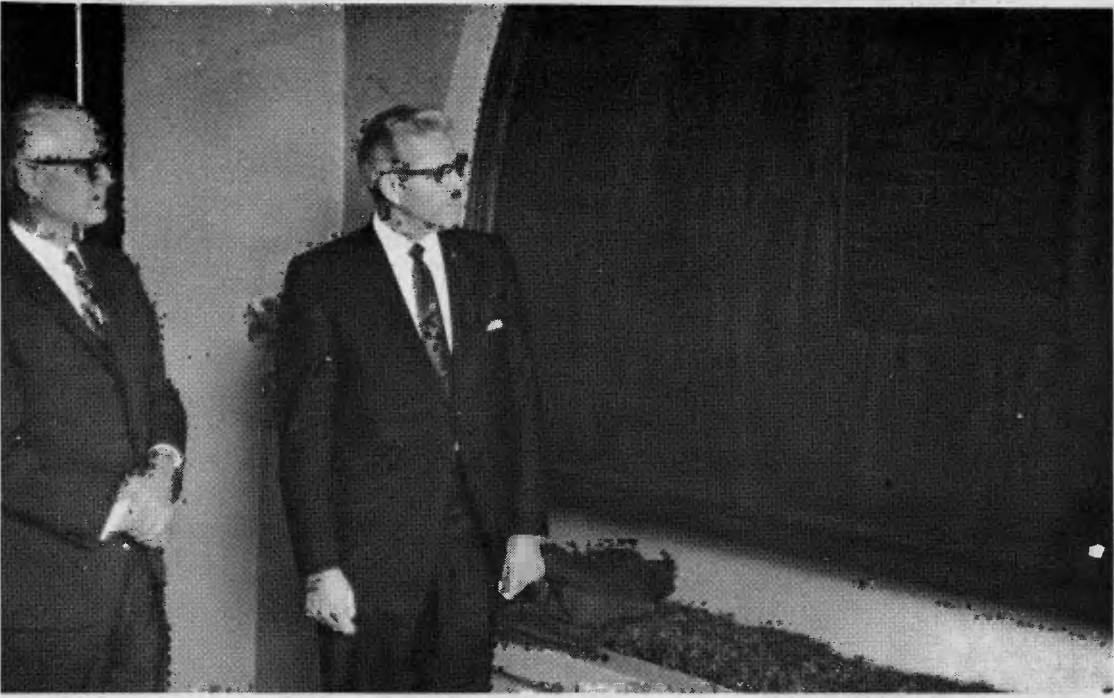
I am interested in:

☐ Visit from University representative

☐ Switch from Revocable Trust to Charitable Remainder Trust

Name _____

Address _____



UNIVERSITY PRESIDENT David J. Bieber (left) and Reinhold R. Bietz, chairman of the University Trustees, unveil the name plaque on Nichol Hall. The plaque reads "In grateful recognition, Loma Linda University has named this building in memory of Francis David Nichol, one of the earliest residents on the hill, lifelong friend of the University, editor for the worldwide church, foremost advocate of the community of concern shared by religion and the health professions, January 28, 1969."

Kettering Medical Center

Residency program approved

A new "residency" program for physicians, leading to specialization in general surgery, has been approved at a Dayton, Ohio hospital.

The four-year program at Kettering Medical Center received approval on its first application from the American Medical Association Council on Medical Education, J. Russell Shawver announced recently. Mr. Shawver is administrator of the medical center's 400-bed Charles F. Kettering Memorial Hospital.

One physician, William D. Sandborn, MD, is already midway through his first year of the new program. Approval of the residency was retroactive to the time he began specialization at the hospital last July.

"He took a real chance, entering the program before it had official approval," admits Richard DeWall, MD, coordinator of surgery residencies at Kettering. "By no means does every institution get approval for a new residency on the first try."

"He was confident that the program we were ready to begin satisfied all the requirements, and of course we're as pleased as he is that things worked out as they have."

The new residency, according to usual policy of the accrediting agency, is approved for two

years. Then it will be subject to re-evaluation before approval is continued for a longer period.

Supervising general surgery aspects of the new program is Richard J. Ireton, MD, with specialists in such areas as anesthesiology, orthopedic surgery, neurosurgery, and others contributing professional know-how at scheduled intervals during the four-year period. Dr. DeWall, the overall coordinator, is a cardiovascular surgeon.

Interviews will begin at once for medical interns or practitioners interested in starting as residents in July, according to Dr. DeWall. Ultimately, one or more residents will be participating in each of the four years of residency.

Three physicians are currently engaged in pathology residencies at Kettering, the first residency to win approval at the four-year-old medical center.

Other residency programs, in surgical specialties and various medical fields, will be added at Kettering as they can be developed and approval obtained, officials say.

The current program in general surgery calls for the resident to begin with eight months on the hospital general surgery service and four months in anesthesiology under the tutelage of specialists in the respective fields. His second year is divided equally among three services — orthopedic surgery, neurosurgery, and general surgery.

In his third year, the resident devotes four months each to pediatric surgery, thoracic and cardiovascular surgery, and an "elective" surgical specialty of his choice. As a senior resident in his fourth year, he enjoys enlarged responsibility and great-

er freedom to choose and follow his own patients.

Teaching assignments at the medical center's Kettering College of Medical Arts and a clinical affiliation at Dayton's Barney Children's Medical Center are also built into the resident's professional program. Independent research — possibly in conjunction with the Cox Heart Institute on the medical center campus — is also encouraged.

The current resident, Dr. Sandborn, is a young father of three who completed his medical internship among Kettering's first group of interns in 1966. Before returning to the medical center last summer he served a two-year appointment with the U. S. Public Health Service. Dr. Sandborn was graduated from Loma Linda University School of Medicine in 1965.

Research

Continued from page 1

Earlier studies

Earlier studies indicate that approximately 50 percent of Seventh-day Adventists are vegetarians.

"We believe that by comparing these two groups, we may be able to improve the understanding of the causes of certain types of cancer," Dr. Walden states. "In time we hope to discover the relationship in experience between vegetarian Adventists and non-vegetarian Adventists as concerns heart disease."

Agencies who have helped fund the research projects include the National Cancer Institute, American Heart Association, American Cancer Society, Tuberculosis and Health Association, and the United States Public Health Service, in addition to Loma Linda University.

Busy, lucrative general practice with surgery privileges. Fully equipped office empty since the death of Dr. Thurber in a plane accident. All records intact. This outstanding community, 35 miles from Lake of the Ozarks, desires another SDA physician. Call Mrs. Thurber, Windsor, Missouri, collect. (816) 647-3324.

Book Talk

Man and Aggression

Edited by M. F. Ashley Montagu

Reviewed by Maurice D. Hodgen, EdD

associate professor of educational foundations

A durable popular belief about man is that he is instinctively aggressive. Many people who accept this belief do so because they find satisfactory support for it from their understanding of history and current events. Many who reject this belief do so convinced of support derived from a body of scholarly writings produced over the last 15 years. Adherents of either view will find *Man and Aggression* of interest; indeed, any who have an interest in the nature of man and his behavior will benefit from reading this book.

Specifically, the book aims at examining the validity of views contained in recent popular books by Ardrey — *African Genesis* (1961) and *The Territorial Imperative* (1966) as well as a recent book by Konrad Lorenz, *On Aggression* (1966). These three works agree in asserting the instinctive aggression of man and in general derive their support from ethology, the systematic observation of animals in their natural habitat. Ardrey and Lorenz are weighed in the balances of scholarly criticism in a forceful introduction (by Ashley Montagu) and 15 other essays, and are found to be wanting in almost all except enthusiasm in the pursuit of their theses.

Critics

The critics themselves are not without flair; especially refreshing is the essay "African Nemesis: An Off-Broadway Review" in which Marshall Shalins, an anthropologist, reviews in dramatic form the behavioral science writings of Robert Ardrey, a dramatist. There are, of course, sections of the book which do not sparkle, in which the prose is more workmanlike than artistic. Yet there is interest and value throughout.

Is man instinctively aggressive? The authors believe not, and say so very clearly and often presenting a great deal for consideration. In fact, they suggest that man is not instinctively anything. Aggression, far from being instinctive in man, is another of his "acquired deplorabilities," says the editor; and to believe otherwise "is to divert attention from the real sources of man's aggression and destructiveness, namely, the many false and contradictory values by which, in an overcrowded, highly competitive, threatening world, he so disoperatively attempts to live. It is not man's nature but his nurture in such a world that requires our attention."

There is an understandable appeal in being able to blame nature for the violence in so-

ciety, an appeal akin to that of the confessional, but which, unlike the institution, bears no necessary penance: what will be, will be. By contrast the view of the contributors to *Man and Aggression* is freighted with an appeal to responsibility and some clear implications for action. We have, they say, learned our ghastly behavior and can, as King David said "cease to do evil and learn to do well." Such an appeal is not without its disturbance for the conscience.

Man continues to make use of measurement, reflection, and introspection in his quest to know himself. The perspectives of measurement, broadly considered, are greatly illuminated by the debate carried forward in this timely collection of essays.

Riverside symphony concert scheduled

The Riverside Symphony Orchestra conducted by James K. Guthrie will present a concert in College Hall, Saturday, February 15 on the La Sierra campus at Riverside.

Selections for the 8 p.m. program will include Rimsky-Korsakov's "Capriccio Espanol;" Berlioz' "Dance of the Sylphes," "Dance of the Sprites," and "Hungarian March;" and Wagner's "Prelude to Mastersingers of Nurnberg."

Dwayne Peltier, symphony orchestra bassoon soloist, will perform Vivaldi's "Concerto in D minor" written for bassoon and orchestra. Guest soloist Marilyn Cotton, soprano, will perform selections from musical comedies.

Alfred Walters, professor of music, is the concertmaster of the Riverside Symphony Orchestra.

Tickets will be available at the door for \$1 for adults, 50 cents for children, or \$2.50 per family. University students will be admitted free upon presentation of a student identification card.

Dates set for MBA annual homecoming

The Monterey Bay Academy annual alumni homecoming has been scheduled for February 21-23, according to Carl W. Jorgensen, MBA principal.

Special features will include a noon potluck dinner on Saturday, sundown worship, and a fellowship hour in the academy cafeteria Saturday night at 7 p.m.

Special recognition will be given to the classes of 1951, 1956, 1961, and 1966.

ATTENTION!

All University, hospital personnel, and credit union members.

After serving you for 10 years it is my pleasure to announce my association with L. J. Snow Ford Company, 444 La Cadena Drive, Colton. May I be of service to you in all car and truck purchases?

AL OGLE

L. J. SNOW FORD COMPANY

444 West La Cadena Drive
Colton, California 92324

Riverside — 783-1312

Colton — 825-1610

Moving Across the Street or Across the Nation?



THE LOMA LINDA WAREHOUSE

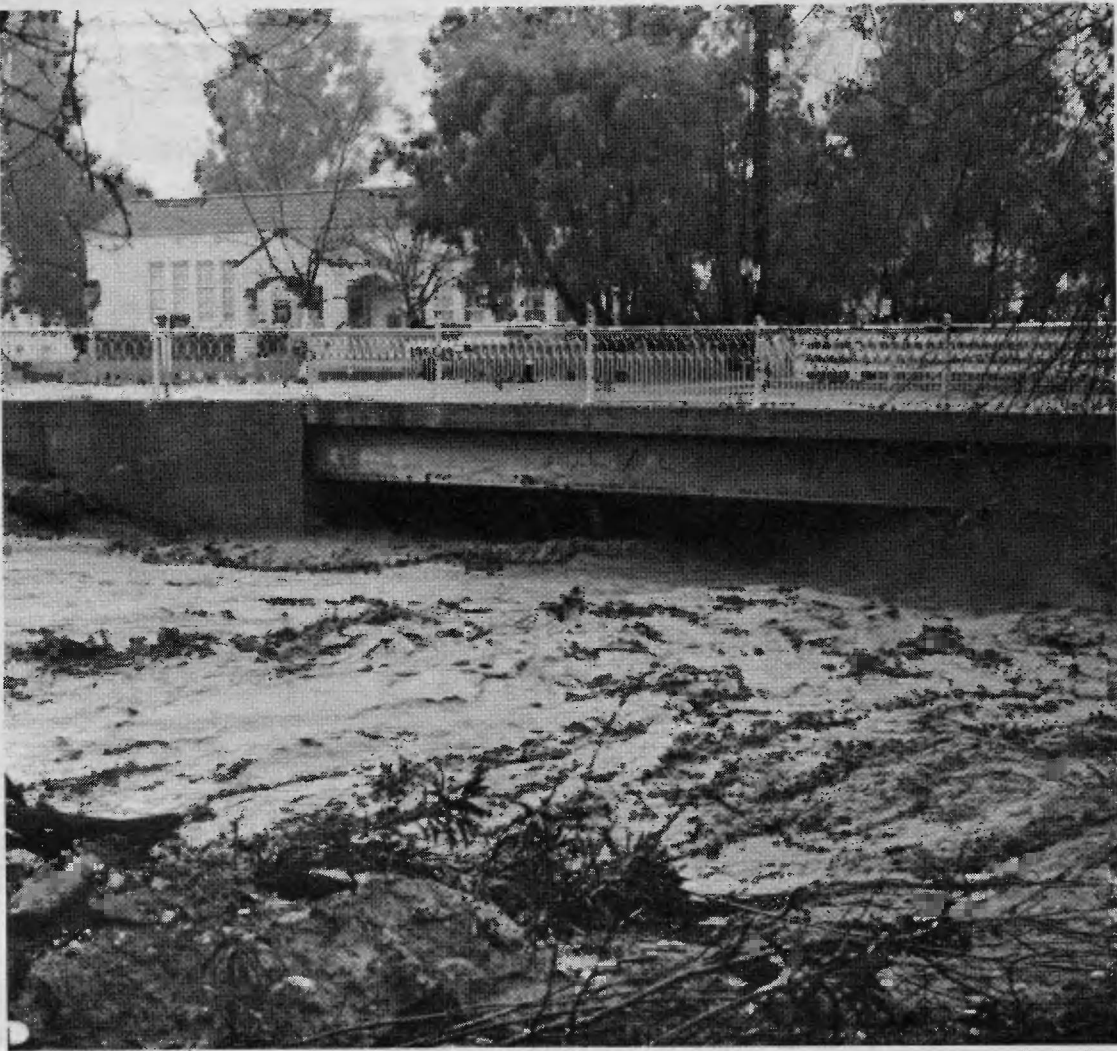
TURNER MOVING & STORAGE

The moving company with 19 years of service to conferences, institutions and church members.

Box 226
St Helena
Phone WO 3-2701

Box 715
Healdsburg
Phone 433-5561

Box 201
Loma Linda
Phone PY 6-0228



—Staff photo

SAN TIMOTEO CREEK nears flood level at the Anderson Street bridge. Nine days of rain in southern California caused millions of dollars worth of damage and took nearly 100 lives. The rains caused only minor damage in the Loma Linda area.

Physicians invited to attend open house, surgical seminar

Loma Linda University School of Medicine department of anatomy will hold an open house for all area physicians featuring a lecture on "The Surgical Importance of the Pelvic Fascia" by Charles W. Harrison, MD, associate professor of anatomy, Sunday, March 23, at 3 p.m. in Shryock Hall, Loma Linda.

According to Dr. Harrison, there are two schools of thought in the field of surgery. The older school puts emphasis on anatomical principles while the modern school emphasizes biochemical and physiological principles. Dr. Harrison feels this dichotomy should not be. His lecture will clarify certain misconceptions about the relationships of pelvic fascial planes to vital structures.

Because Dr. Harrison has made intensive study of anatomy, he will be able to indicate in what ways the adherence to anatomical principles might be expected to minimize the morbidity associated with operative procedures in this area.

A 1915 graduate of Loma Linda University, Dr. Harrison was in the active practice of surgery until he retired in 1956. Since then he has spent time at the University studying the anatomy of the head, neck, and pelvis.

Open for inspection prior to

and following the lecture will be the Alfred Shryock Museum which contains embryos and embryological models, neuroanatomical models and preserved specimens, osteological specimens and gross anatomical dissections and models, and a large collection of paintings, drawings, and sketches of both microscopic and gross anatomical subjects.

Also on display will be Dr. Harrison's intricate dissections of the head, neck and pelvis.

Canada club annual reunion announced

The annual reunion of the "Friends of Canada Club" will be held Thursday, February 20, at Clifton's Cafeteria in West Covina.

All Canadians, former workers, or friends of Canada are invited to attend. Dinner will be served cafeteria style for the group from 7:30 to 8:10 p.m.

School of Medicine receives \$40,000 in research grant

The School of Medicine has been the recipient of a \$40,000 research grant from the Donald E. Baxter Foundation of Los Angeles, according to David B. Hinshaw, MD, dean of the School.

Twenty-five thousand dollars of the \$40,000 is designated for a research project being conducted by John Leonora, PhD, assistant professor of physiology and biophysics.

The remaining \$15,000 will be put into the School of Medicine's general research fund.

How Do You Use Worthington 209, Anyway? Any Way You Want to, Pardner!



Worthington 209 has caught the fancy of folks everywhere. "209" is a savory new protein food unlike anything you may have tried before. Thousands already have tried "209" slices and come back for more. Delicious served over toast points or as an entree with vegetables, Worthington 209 also makes exciting meals when barbecued as in the recipe below. You've likely already tried "209," but in case you haven't, why don't you get some soon — pardner!

Barbecue "209"

Dip drained dried slices of "209" in cooking oil and brown (but do not crisp) on grill or in pan. Drain on towel and break into pieces. Stir into this delicious smoky barbecue sauce. Sauce: Saute 1/4 cup chopped onion in drippings left from browning "209." Add 1/2 cup water, 1/2 tablespoon Worcestershire or soy sauce,



WORTHINGTON
Worthington Foods, Inc.
Worthington, Ohio 43085

6 tablespoons lemon juice, 5 tablespoons brown sugar, 1-1/2 cups tomato catsup or sauce, 1/2 teaspoon salt, 1/2 teaspoon paprika and 1/2 teaspoon Wright's liquid Bar-B-Q Smoke. Simmer covered for about 30 minutes.

Serve this mixture over toasted, buttered buns. Serves 4-6.



VOOCHEN REAL ESTATE

In Loma Linda

For professional building or income units this is unexcelled in Loma Linda.

In the center of Loma Linda business area and across from University Hospital. An older two story duplex of 11 rooms, 5 bedrooms, 2 separate garages. Located in an area that is growing in value each day. One door to Loma Linda Market, two doors to bank, bus stop by the door. Please do not disturb tenants. Asking \$40,000. Will consider trade in Loma Linda and La Sierra area or? Be sure to call collect for Mr. Voochen, if you are outside the Riverside area, or write for further information.

Near La Sierra Campus

SELL OR TRADE FOR LOMA LINDA. A fine home for large family with 4 bedrooms, 2 baths, carpets, drapes. About 2,300 square feet of floor space. Wonderful view without climbing, near Seventh-day Adventist church and school. FHA appraised at \$27,400, but make an offer. \$2,500 down.

LARGE DEPRECIATION FOR TAX PURPOSE, is in this older commercial property at five points in La Sierra; on almost whole acre of ground, consisting of six stores, three apartments, one house and two small storage stores. Corner property. Excellent for developer. If in need for more ground, that is available right now, too. For more details call or see Mr. Voochen. Also a similar property, zoned for business, on corner lot, across from post office, with 250 foot frontage. Over one acre of ground. Consisting of two stores, seven houses and three apartments. \$120,000 or will divide into two or three pieces. For more information write or call Mr. Voochen.

NEAR LA SIERRA PARK. Built by contractor for himself. Has 3 bedrooms, 2 baths, fireplace, carpets, built in kitchen, silent switches. Large yard enclosed by block-wall fence. Los Angeles owner wants an offer. FHA appraised at \$20,850.

TRY US. WE TRY HARDER

VOOCHEN

4781 La Sierra Avenue
Riverside, California
across from La Sierra Plaza
Ph. 689-8113
or call collect.

Audiovisual Service hosts seminar

Two-week TV course is first in planned series

This week more than 30 participants are gathered in the television studios of the Loma Linda University Audiovisual Service for the first in a planned series of seminars on television arts and graphics.

The Audiovisual Service has long considered arts and graphics to be one of the weak links in the television industry's utilization of the medium.

Originally planned for faculty and students of the University, the seminar will be attended by participants from New York, Washington, D.C., Florida, Oregon, and Indiana, in addition to California. Two semester hours of undergraduate credit will be granted at the completion of the course.

The class is conducted by Bruce Bollinger. Mr. Bollinger has been affiliated with the Columbia Broadcasting System and the American Broadcasting Company. As art director for the two television networks he contributed to many local and network programs prior to his affiliation with

North American Aviation, Los Angeles, where as production manager he helped to pioneer the closed-circuit television effort that supported the Apollo space program.

Mr. Bollinger brings to light many humorous as well as enlightening and intriguing incidents from his first-hand experience in artistic television production.



Mr. Bollinger

The information presented, procedures outlined, and practices described will prove helpful to the professional as well as to the aspiring television writer, director, or producer.

Technical personnel attending the two-week conference will gain new insight into the workings of television production, according to Ellis R. Rich, Audiovisual Service director.



HAROLD M. S. RICHARDS, Sr., and the King's Heralds work before Audiovisual Service cameramen during the first taping of a television program in the studio facilities located on the Loma Linda campus.

This Special Insert

was produced by the Loma Linda University Audiovisual Service personnel in cooperation with the University SCOPE. Questions or comments should be directed to Audiovisual Service, Loma Linda University, Loma Linda, California 92354.

Studio equipped by SM class of 1942 gift

The television studio facility on the University's Loma Linda campus received its start through a grant from the School of Medicine graduating class of 1942 which contributed more than \$25,000 to the purchase of basic components for the closed-circuit television system.

In mid-1967, Paul R. Tharp, formerly of the National Education Association, Washington, D.C., was invited to join the Audiovisual Service staff to promote the cause of television communications at the University.

The program has flourished; and the east portion of the Audiovisual Service building has recently been refurbished into a modern and complete facility.

The studio was used for the first time in July 1968 when Harold M. S. Richards and the King's Heralds recorded a program for use in the Glendale Adventist Hospital, Glendale.

The facility has been used by the Schools of Public Health, Dentistry, Medicine, and Nursing, as well as the College of Arts and Sciences.

The television studio operates partially through a grant from the Center for Continuing Medical Education, New York.

Currently more than \$45,000, made available from several sources, is invested in equipment and improvements. Programs are distributed by cable to many of the Loma Linda campus buildings and by videotape to the College of Arts and Sciences.



PASTOR J. J. AITKEN (right), secretary of the department of radio and television of the General Conference of Seventh-day Adventists, talks with Audiovisual Service director Ellis R. Rich about the future role Loma Linda University may play in the production and distribution of health-related materials for use around the world.

Closed-circuit TV facilities available at La Sierra

Beginning this semester, students and teachers on the La Sierra campus will have available the facilities of closed-circuit television to aid the teaching and learning processes. Ralph L. Koorennny, PhD, dean of the College of Arts and Sciences says that he hopes teachers will be able to "significantly improve the teaching of certain courses through the use of this modern resource, which will be available to any department." The purchase was made possible through the cooperation of Dr. Koorennny and Willard H. Meier, PhD, dean of the School of Education.

Dr. Meier anticipates the primary use of the equipment in his school to be in the area of microteaching. A student will no longer have to depend entirely upon the teacher's evaluation of his teaching technique; he will be able to actively join in the evaluation process through the use of video tape recordings. The areas of speech and theology will use the same technique. Norval F. Pease, PhD, chairman of the department of religion says that he has "looked forward for years to being able to use this valuable tool."

Dr. Meier pointed out that there are "a number of tapes available for playback for the teacher training program." The playback of tapes in this area as well as in other fields will provide valuable enrichment of the student's curriculum. The department of associate degree nursing has already made some trips to the Loma Linda campus to view the programs of the

Viewing locations:

University Hospital, room 7002; School of Dentistry, room 106; Graduate School, faculty lounge; School of Nursing; hospital pharmacy, radiology library, Audiovisual Service studio; La Sierra campus, Hole Memorial Auditorium by appointment.

Note: Should you experience difficulty in receiving Channel 3 programs or if the viewing area is unavailable to you, please call the project coordinator at extension 2035.

Network for Continuing Medical Education and the Medical Television Network. These programs will now be available on the La Sierra campus. In another area, Fritz Guy, assistant professor of religion, has made arrangements for his class in ethics to view a program on the crisis in the cities. With the playback equipment readily available, some of the faculty are making plans to produce their own tape recordings, custom tailored to their special needs.

The use of television will likely mark the beginning of a wider use of audiovisual resources in general on the La Sierra campus. Dr. Koorennny says he hopes that in the 1969-70 school year the Audiovisual Service will be able to aid all departments on a larger scale.

Continuing Medical Education program series shown by AV

The Network for Continuing Medical Education, New York City, produces a series of one-hour programs for viewing every two weeks by the medical staff and every three weeks by health service professionals in its 500 affiliated hospitals and medical schools throughout North America.

The programming from this videotape network is similar to that of the Medical Television Network operating out of Los Angeles.

Also, past programs from its library are available in the following areas: anesthesiology, cardiology, cardiovascular surgery, clinical pharmacology, embryology, pathology, pediatrics, public health, radiology, trauma, and nursing.

The tapes may be obtained through the Audiovisual Service studio for a nominal fee.

The network also provides through its Center for Continuing Medical Education a grant to assist in the distribution and maintenance of the programs and provides assistance in the general operation of closed-circuit television systems.

Program officials from the network were at Loma Linda University last week to discuss plans for producing some programs at Loma Linda University for use by the more than 500 hospitals and medical schools in the United States, Canada, and Mexico.

The University schools are invited to submit to the television project coordinator at the Audiovisual Service their suggestions for programming.

Network programs are scheduled so that a majority of the staff may have the opportunity to view them.

CHANNEL 3 ---CLOSED

Schedule for F

MONDAY

February 10

2:00 p.m. Occupation: Auto Mechanic.

3:10 p.m. Health Service Telecast: "Learning to Breathe Again."

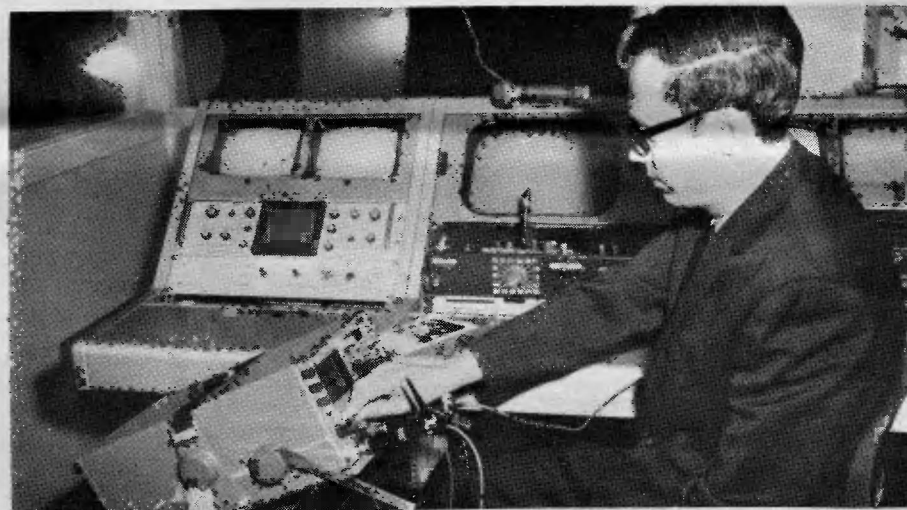
TUESDAY

February 11

8:10 a.m. Res Medica (scrambled medical program from

KCET, Los Angeles).

9:00 a.m. Mayflower story.



JERRY KEITH, consultant in instructional television, checks complex television special effects generator with the aid of an oscilloscope. Part of the hardware was purchased with funds donated by the School of Medicine class of 1942.

Medical Television Network supplies weekly program

The Medical Television Network (RES MEDICA), Los Angeles, supplies a weekly television in-service program to medical staff members and a bi-weekly program to nursing staff personnel.

These programs are received by a "scrambled" signal from Mt. Wilson, then decoded and transmitted to television sets in various buildings on the University campus.

Room 7002 in University Hospital has been designated as the prime viewing location for Medical Television Network Programs.

The School of Medicine is a prime supplier and producer of programs shown on the network of stations. Some of the material is shot on location here at Loma Linda and shown in full color over the network.

Staff are advised of program offerings by a direct mail brochure sent to them in advance of the showings. Topics are timely and are produced with a high degree of technical excellence.

Physicians are finding it increasingly difficult to take time from their busy schedules to return to the class-

room for postgraduate symposia at medical teaching centers.

Yet they are aware that the knowledge explosion in medicine makes it essential for them to continue studying if only to prevent a fairly rapid outdating of their professional knowledge. Television may be one solution to their dilemma.

At Loma Linda University, Medical Television Network programs make it possible for the physician to view professional material presented in a clear, concise manner while expending very little of his time.

Medical Television Network video techniques make possible supplementation of subject matter with demonstrations, viewing of X-rays, electrocardiograms, electroencephalograms, microscopic slides, and films of patient interviews.

Produced in Universities throughout the nation, each program consists of a 40 to 50-minute video tape recording. Programs are transmitted in scrambled form to assure privacy of medical communication and are restored by decoders on receiving sets at each participating hospital.

CIRCUIT TELEVISION

February 10-14

WEDNESDAY

February 12

12:00 noon Res Medica.
1:00 p.m. Continuing Medical Education: "Techniques of Fetal Monitoring"; "Management of Adolescent Symptoms"; and "The Low Back Pain Syndrome — Part I."
2:00 p.m. Camping in the Smokies.

THURSDAY

February 13

8:15 a.m. Speaking of Nursing: "Learning to Breathe Again."
9:10 a.m. Continuing Medical Education: (See Wednesday, 1:00 p.m. for details).
10:00 a.m. The Wonderous World of Sight.

FRIDAY

February 14

9:00 a.m. Continuing Medical Education: (see Wednesday, 1:00 p.m. for details).
10:00 a.m. Your Share in Tomorrow: "The New York Stock Exchange."

Programs subject to change without notice.

AV offers extensive services to University

The television studio and distribution facility is just one portion of the overall audiovisual program of the University according to Ellis Rich, director. For many years the Audiovisual Service has offered to the University medical and graphic art service, exhibit design and preparation, educational motion picture production, clinical pictures, publicity pictures, and film library service.

The Audiovisual Service has experienced a steady growth pattern in all areas. We are making all possible efforts to streamline our facilities, automate our equipment, and organize our program to meet the increasing requests without an increase in costs. Our automatic color film processor has made possible a large increase in materials processed with a substantial saving in time.

Our motion picture film library has increased its titles by 140 films during the past 18 months. These films are in demand by the University staff as well as other institutions and schools in the community.

Our goal is to improve all of our services, to grow with our ever expanding technology, and to make the most effective use of media at Loma Linda University.

TV cables extend over campus

A new run of television cable just completed to the Schools of Public Health and Health Related Professions marks another major step toward the goal of wiring the entire campus to receive the closed-circuit television programming originated in the campus audiovisual center.

The idea for use of the closed circuit was first discussed by Ellis R. Rich, director of the Audiovisual Service with members of the administration before the new hospital was constructed. This idea became a reality in July of 1967 when the first installment of television equipment was delivered to the new hospital. This first equipment included an Ampex 324 camera and an Ampex 7500 color video tape recorder with associated color monitor. Mr. Rich says that the decision to get Ampex video tape recording equipment was greatly influenced by the desire to be compatible with other institutions in the denomination who are already using this type of equipment. Shortly after the equipment arrived, the hospital A-level amphitheater was wired for its use and additional monitors were purchased for this area.

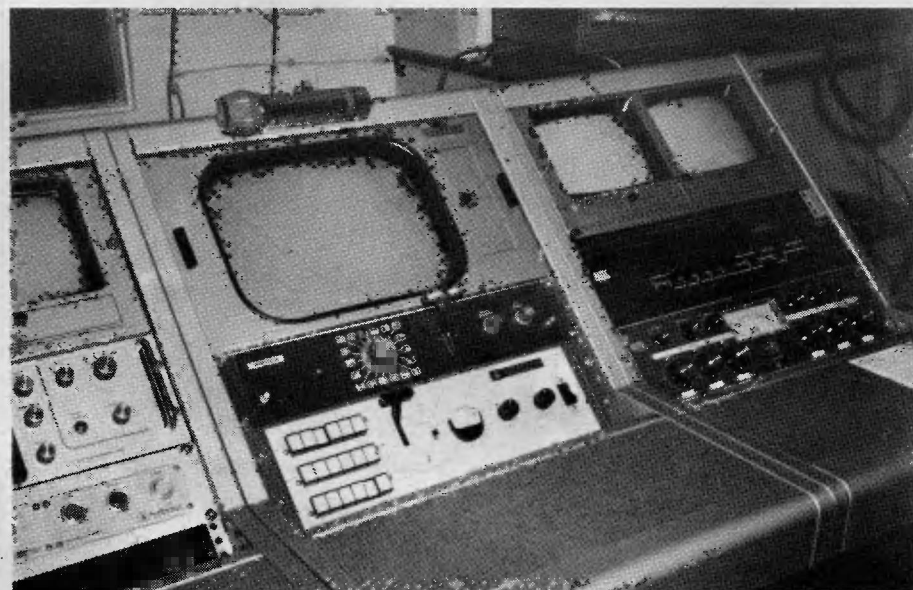
A major advance for the television program came with the purchase of two Ampex 326 studio cameras, a Telemation "Multicaster" vertical interval switcher (basic control console), and the associated monitoring and telecine equipment necessary to set up a studio for the local production of television programs. This purchase was made possible by the generosity of members of the School of Medicine class of 1942 who donated \$25,000 toward the purchase of this equipment. This gift was augmented by a grant from Roche Laboratories' Network for Continuing Medical Education.

Because there was not enough room in the new hospital building for a television studio, this equipment was moved to the audiovisual building on Stewart Street, where room was made for a studio. The use of this studio began in June of last year when H. M. S. Richards, Sr., and the King's Heralds held a recording session there.

This studio was connected to University Hospital with coaxial cable and television modulator in September 1968. In addition to this the campus television signal is currently available

in Griggs Hall, the School of Dentistry building, and Nichol Hall. Paul R. Tharp, TV project coordinator, says he hopes the signal will be available in all applicable areas in the near future.

Future growth of the program will depend upon the use-needs of the vari-



THE AUDIOVISUAL SERVICE television control room includes the very latest in components promoting ease of production and maintaining a high-quality picture on television screens located at various areas on the Loma Linda campus.

ous schools and departments. The area of most need in the immediate future is the upgrading of the signal on the cable system. Because of the rapid growth of the system, the signal is marginal in certain areas. This problem will be solved by the installation of community antenna system line amplifiers, which will insure a strong noise-free signal to all areas of the campus.

Another idea which is receiving much faculty and student comment is the idea of inter-connecting the two University campuses with microwave. Such a system would carry instructional television programs, but would likely get a great deal of use in other areas as well. It would enable classes on the La Sierra campus to use the scientific computation facility on the

Loma Linda campus, and could also provide a private picture-phone type of service, with capabilities for conducting conferences and committees, on both campuses simultaneously. Members of the faculty and administration would thus be able to cut down the time they spend on the road between campuses.

Many have asked about the possibilities of color TV. Thus far there has not been sufficient demand. However, with the decreasing cost of certain types of color equipment, color programming is a possibility. The present distribution system will handle color; in fact, certain programs which are picked up off the air are now distributed in color. The present video recorder is color-capable, and with the addition of one module can play back color through the existing facility.



THE SCHOOL OF NURSING has produced three programs in a series of videotape lectures on the "Essentials of Electrocardiography." Here Lavaun W. Sutton, assistant professor of nursing, and L. Lucille Lewis, associate professor of nursing, work before the Channel 3 cameras in preparing one of their tele-lectures.

Instruction, research are aims of audiovisual television service

The purpose of the closed-circuit television service at Loma Linda University is to provide programming directed toward instruction, research, and patient care; to conduct continuing study in evaluation of its use; and to further the development of television utilization.

Historically, the use of television at Loma Linda University has been in restricted islands of interest.

The School of Dentistry has utilized television for a number of years; and the cardiovascular laboratory in University Hospital has employed a camera system for several years for the purpose of displaying a magnified view of cardiac catheterization procedures.

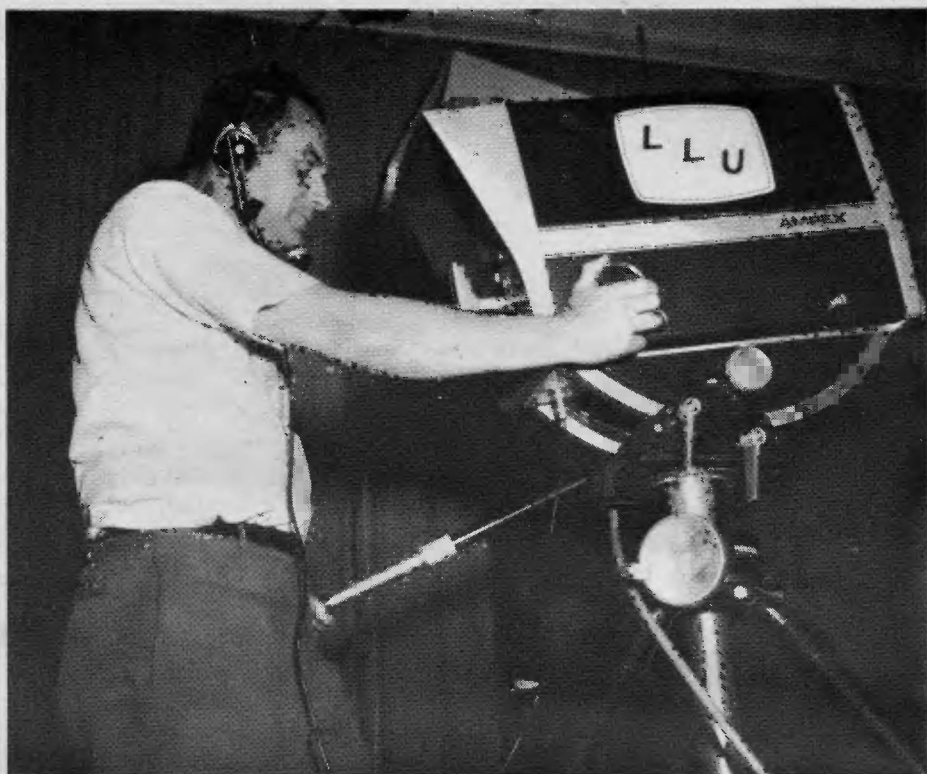
Television possesses certain capabilities which recommend it as an additional medium for continual medical education. It is, however, as demanding as any of the various media heretofore used and requires much attention

to details, both technical and pedagogic, for adequate use.

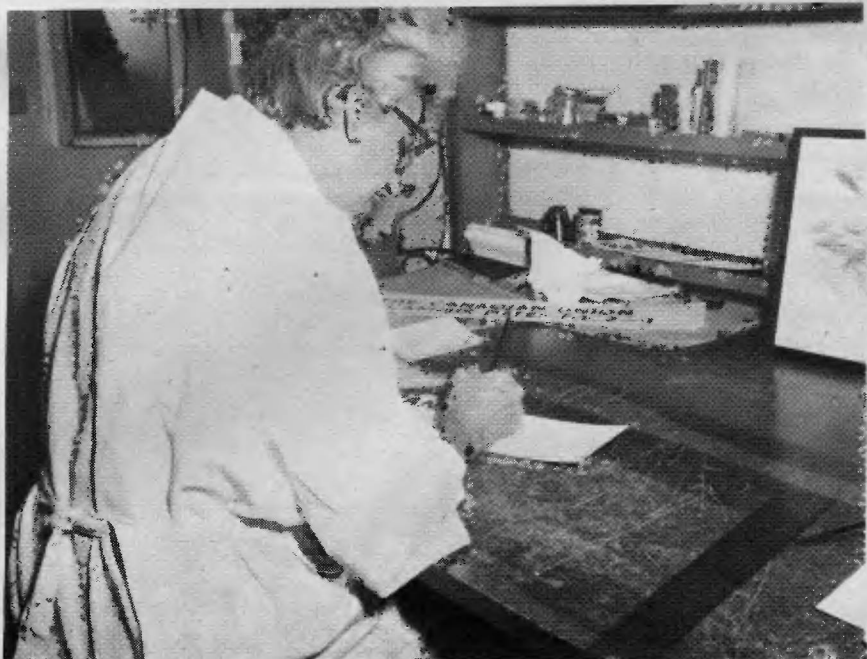
The whole complex of technology and new audiovisual tools offer exciting vistas for the improvement of the teaching and learning process.

At the moment these "power tools to learning" are forcing the basic re-evaluation of curriculum presentation. The planned, integrated use of communications media will help refashion medical education for the benefit of those who teach and the students who learn under their supervision.

At Loma Linda University we hope technology will not be allowed to come between the teacher and the student, but rather will make their time together more meaningful. In no case will hardware be allowed to dictate instructional strategy; and only the instructional objective should determine what hardware will be used in a given instance.



CAMERAMAN Eugene Hood operates one of the two Ampex 326 modified studio cameras. Numerous instructional programs are transmitted by cable from the Audiovisual Service telestudio to various locations on the Loma Linda campus.



LUCILLE C. INNES, well-known medical illustrator and an Audiovisual Service staff member prepares material for local television production. She also produces many of the illustrations for physicians' use on the Medical Television Network.



ROBERT C. PETERSON, artist-photographer, is shown here working with a scale model of the stage of Gentry Gymnasium. The model will be used for an upcoming program at the Alumni Postgraduate Convention in Los Angeles.

VIEWING LOCATIONS FOR CHANNEL 3 PROGRAMMING

University Hospital

Room 7002
Audiovisual Service Office
Hospital pharmacy
Radiology library
School of Nursing
Student lounge

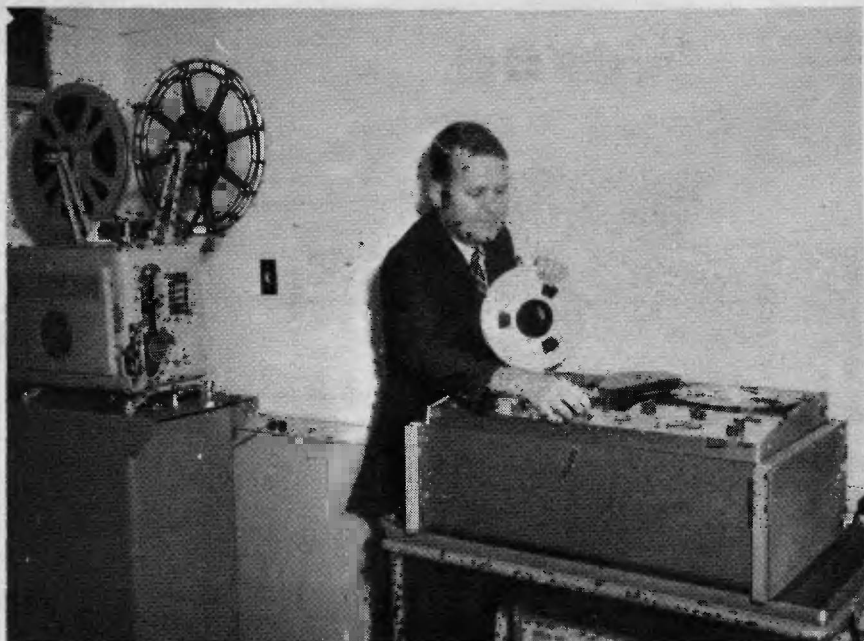
School of Dentistry

Graduate School

School of Health Related Professions (by mid-February)

School of Public Health (by mid-February)

Audiovisual Service studios



PAUL R. THARP, television project coordinator, loads a Medical Television Network tape on the late-model Ampex 7500 C Videotape recorder for playback to the University staff.